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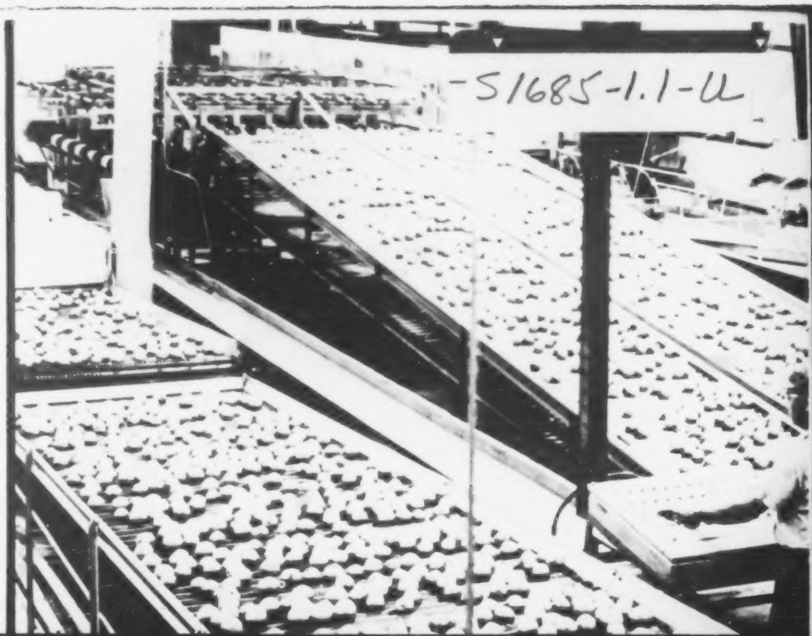
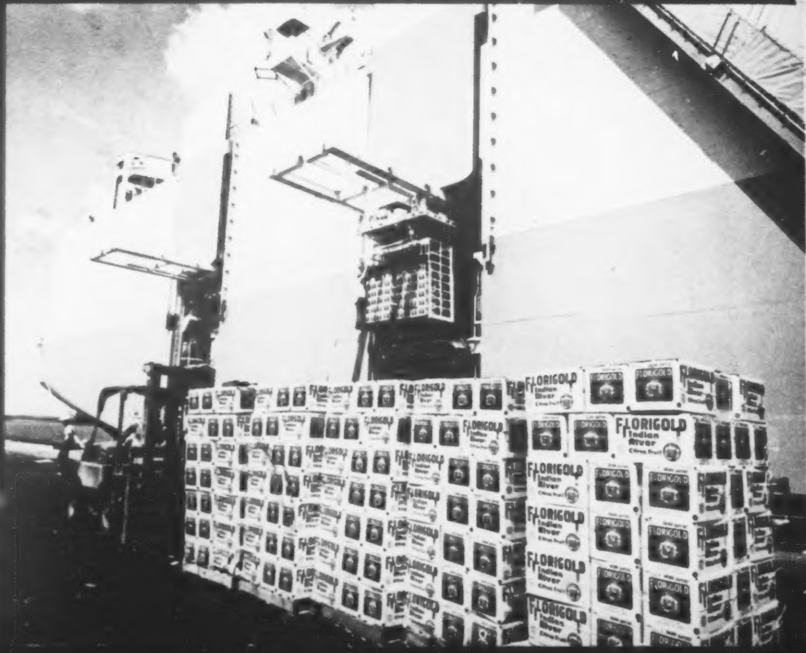
Florida Agricultural Statistics



Citrus Summary

1988-89

FLORIDA
AGRICULTURAL
STATISTICS SERVICE
1222 Woodward Street
Orlando, Florida 32803



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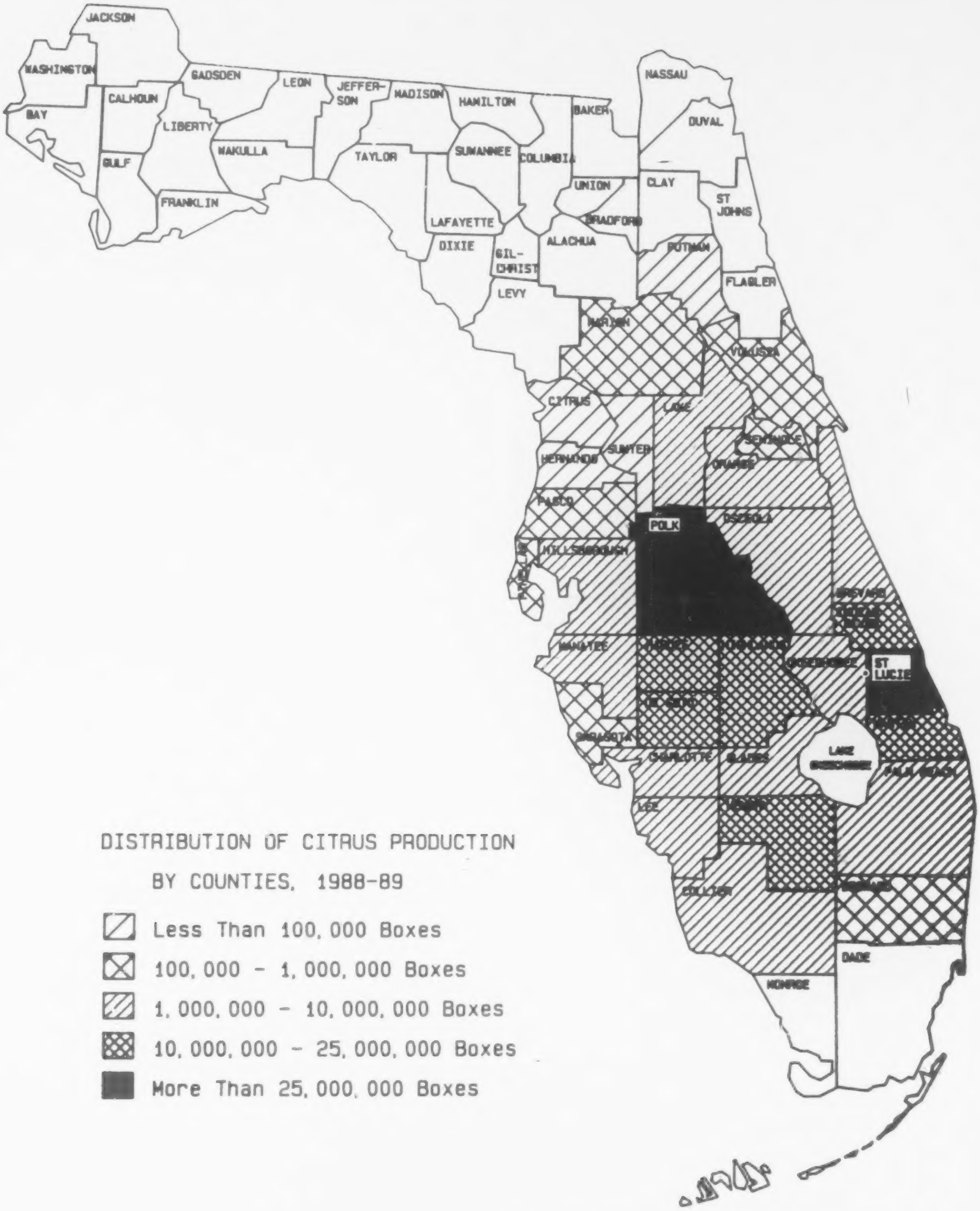
JACKSON
WASHINGTON
BAY
CALHOUN
GADSDEN
LEON
JEFFER-SON
MADISON
HAMILTON
BAKER
NASSAU
DUVAL
LIBERTY
WAKULLA
GULF
FRANKLIN
TAYLOR
SUWANNEE
COLUMBIA
UNION
CLAY
ST JOHNS
BRADFORD
LAFAYETTE
DIXIE
GIL-CHRIST
ALACHUA
PUTNAM
FLAGLER
LEVY
MARION
VOLUSIA
CITRUS
LAKE
SEMINOLE
SUMTER
HERNANDO
ORANGE
PASCO
POLK
OSCEOLA
HILLSBOROUGH
BREVARD
INDIAN RIVER
MANATEE
HARDEE
HIGHLANDS
OKEECHOBEE
ST LUCIE
DE SOTO
MARTIN
SARASOTA
CHARLOTTE
GLADES
LAKE OKEECHOBEE
PALM BEACH
LEE
HENDRY
COLLIER
BROWARD
DADE
MONROE
▨ Less Than 100,000 Boxes
☒ 100,000 - 1,000,000 Boxes
▨ 1,000,000 - 10,000,000 Boxes
▩ 10,000,000 - 25,000,000 Boxes
■ More Than 25,000,000 Boxes

DISTRIBUTION OF CITRUS PRODUCTION
BY COUNTIES, 1988-89

Cover photographs courtesy of Florida Department of Citrus and Seald-Sweet Growers.

FLORIDA AGRICULTURAL STATISTICS

Citrus Summary 1988-89

FLORIDA DEPARTMENT OF AGRICULTURE
AND CONSUMER SERVICES
DOYLE CONNER, COMMISSIONER
TALLAHASSEE, FLORIDA

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Cooperating with

U. S. Department of Agriculture
Agricultural Marketing Service
and
National Agricultural Statistics Service

ACKNOWLEDGMENT

The acreage, production, utilization, monthly and season average price, and crop value statistics for Florida as shown in this summary are official estimates of the Florida Agricultural Statistics Service. Corresponding data for other citrus states are from official reports of the USDA, National Agricultural Statistics Service. Canned and frozen pack statistics were compiled by the Florida Citrus Processors Association. Where data are from other sources, appropriate references appear.

Records of the Division of Fruit and Vegetable Inspection, Florida Department of Agriculture and Consumer Services, were used in preparing production and utilization estimates. The Citrus Administrative Committee assisted in assembling these data.

Many producers, shippers, processors, sales agencies, transportation firms, and others associated with the citrus industry voluntarily supplied basic data used to develop these statistics. Their contributions are sincerely appreciated.

This report was assembled under the direction of Robert R. Terry and Candice T. Erick of the Florida Agricultural Statistics Service.

For information call: (407) 648-6015.

Published December 1989

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FLORIDA WEATHER HIGHLIGHTS, SELECTED AREAS AND MONTHS, 1988-89 CROP YEAR

Florida's citrus growing areas experienced good winter weather with adequate moisture levels and very few freezing temperatures prior to the spring 1988 bloom period. Trees in all areas of the State were in good condition for a normal **March-April** bloom.

The trees bloomed over a period of 3 to 4 weeks. Rainfall was sufficient in March but April's weekly amounts were very light in most areas until the end of the month. Rainfall amounts of 1 to 2.5 inches were recorded on April 30. Irrigation was in use in all areas to ensure a good fruit set.

The month of **May** was dry in many areas except for isolated showers. However, the central area received adequate rainfall with cumulative amounts near normal by **June.**

By mid-**July**, normal summer thunderstorms were supplying weekly rainfall amounts up to four inches. Frequent showers and thunderstorms coupled with high temperatures made a nearly ideal growing situation during **August**. Groves were in very good condition and trees showed an abundance of new foliage.

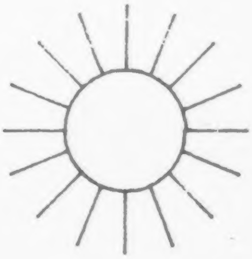
September rainfall also was adequate with heavy amounts in some areas. Cumulative totals were above normal in many areas.

October rainfall was very light but storms in early **November** brought weekly rainfall amounts of 3 inches in some areas.

By the end of **December**, 19 of 26 reporting stations in the citrus belt had reported above normal total rainfall for the year.

January temperatures were generally above normal levels with highs in the 80's. **February** also was quite warm with very little rainfall until the 24th and 25th of the month when temperatures as low as 25 degrees were experienced as far south as Immokalee. Trees in many areas were in full or near-full bloom. Much of this bloom and tender new growth was lost. There was minimal damage to fruit on the trees and no loss was reported.

Rainfall amounts in **March** were light and widely scattered with generally above normal temperatures.



1988-89 PRODUCTION AND TREE CENSUS

PRODUCTION

Florida's orange production increased for the fourth consecutive year. At 146.6 million boxes, the crop was six percent greater than the previous season's 138.0 million boxes. It was the largest harvest since the 1980-81 season when 172.4 million boxes were produced.

Grapefruit production totaled 54.75 million boxes, up slightly from the 53.85 million boxes in 1987-88. This crop was second only to the record high 54.8 million boxes harvested in 1979-80. Colored seedless grapefruit comprised 43 percent of the total with a record high 23.7 million boxes.

Production of Temples, K-Early Citrus Fruit, and tangerines increased while tangelo, lime, and lemon production declined.

The FCOJ final yield was surpassed only by the record set in 1987-88. The all orange final reported yield was 1.53625 gallons per box. Early and midseason oranges yielded 1.47532 and Valencias 1.62816 gallons per box.

California's increase in Navel oranges was offset by a reduced Valencia crop. Total orange production was 57.0 million boxes. The 8.5 million boxes of grapefruit harvested was the lowest since 1985-86.

Arizona's orange production of 1,700,000 boxes was the smallest crop since 1962-63. Production was below 2.1 million boxes for 5 of the 6 most recent seasons. Grapefruit held steady as the 1.95 million boxes picked equaled the harvest of 1987-88.

Texas has shown excellent recovery from the December 1983 freeze. The 1,850,000 box orange crop was 6 times as great as in 1985-86. Grapefruit at 4,800,000 boxes was almost 21 times greater than 1985-86.

CITRUS BOX WEIGHTS: Approximate net weight in pounds by fruit type and states

States	Oranges	Grape-fruit	Tan-ger-ines	Lemons	Limes
Florida	90 1/	85	95	90	88
Calif.	75	65	75	76	--
Texas	85	80	--	--	--
Arizona	75	64	75	76	--

1/ Includes Temples and tangelos at 90 lbs.

TREE CENSUS

The Florida Agricultural Statistics Service first began indexing the State's commercial citrus groves on aerial photography as of January 1966. Ground crews identify all the State's groves by fruit type, row spacing, and year in which set. Photo interpreters in the Orlando office then delineate the groves by variety blocks on photo transparencies at a scale of 1 inch to 660 feet. Variety blocks are measured with planimeters to obtain acreage and then indexed by land section.

The inventory is designed for quick and economical updating. Since 1966, the citrus belt has been resurveyed each second winter (1968 through 1990) to determine changes. Photographing begins in November when weather conditions are most favorable and is generally completed in 80 to 90 days. The same three-mile-wide flight lines established in 1966 are photographed on each succeeding flight. Approximately 14,000 square miles of photography is obtained at a 1 to 30,000 scale.

The last statewide survey was conducted as of January 1988. Through 1987, all types of citrus planted totaled 697,929 acres, up 12 percent from the 624,492 acres recorded in January 1986. This is the largest two year increase since the tree census program began in 1966. Increases were highest in lower interior counties. Acreage by counties and types is shown on page 27.

Photography for the next survey began in November 1989 and field work will update the acreage records as of January 1990.

FLORIDA, ALL CITRUS: Acres in commercial groves as of January 1966 - 1988, with percent changes

Year	Acres	Percent change from previous survey	Percent change from 1966 survey
1966	858,082	--	--
1968	931,249	+8.5	+8.5
1970	941,471	+1.1	+9.7
1972	878,019	-6.7	+2.3
1974	864,098	-1.6	+0.7
1976	852,369	-1.4	-0.7
1978	831,235	-2.5	-3.1
1980	845,283	+1.7	-1.5
1982	847,856	+0.3	-1.2
1984	761,365	-10.2	-11.3
1986	624,492	-18.0	-27.2
1988	697,929	+11.8	-18.7

1988-89 VALUE OF SALES, PRICES AND EXPORTS

VALUE

The preliminary on-tree value of all citrus for the 1988-89 season is $1.408 billion. This is second only to the previous season's revised record high value of $1.443 billion.

Preliminary value is based on that part of the crop priced at harvest, about 30 percent of the total. When all participation plans and cooperative pools are finalized, a revised value is calculated. The upward revision for the 1987-88 season is due to participation prices which were higher than the cash prices and lower pick and haul charges for oranges.

Preliminary orange prices are lower than 1987-88 prices. The average price per box is $7.28 compared to a revised $7.58; the fresh price is $7.58, down from $7.96; and the processing price is $7.26, down from $7.56. However, total orange value set a new record at $1,067,442,000, up 2 percent from the revised 1987-88 value of $1,046,700,000.

Grapefruit prices are lower for all methods of sales. The preliminary price per box for all grapefruit is $4.52, a decrease from the previous season's revised price of $5.57.

The season average delivered-in price of fruit going into FCOJ as reported by the Florida Citrus Processors Association is $9.18 per box or $1.48 per pound of solids. Early-mids averaged $8.35 per box or $1.42 per pound solids and Valencias averaged $10.33 per box or $1.56 per pound solids.

FLORIDA, ALL CITRUS: Value of sales on-tree, crop years 1979-80 through 1988-89

Crop year	Value 1,000 dol.	Crop year	Value 1,000 dol.
1979-80	1,037,050	1984-85	984,820
1980-81	953,350	1985-86	725,034
1981-82	713,380	1986-87	941,078
1982-83	876,777	1987-88 1/	1,443,116
1983-84	849,457	1988-89 2/	1,408,018

1/ Revised. 2/ Preliminary.

FOREIGN EXPORTS

At 23,752,000 4/5 bushel cartons, exports of fresh citrus to countries other than Mexico and Canada surpassed last season's record high 20,891,000 cartons by almost 14 percent. A record 23,567,000 cartons of grapefruit were shipped abroad with 12,041,000 cartons going to Japan. Exports of other citrus fruits comprised less than one percent of the total. Orange exports equaled 154,000 cartons and tangerines 31,000.

A total of 7.8 million gallons of FCOJ were exported, compared to the previous season's 8.7 million gallons. Canada continues to be the major market. There were 3.7 million gallons of FCGJ exported, down from 4.5 million gallons during the 1987-88 season.

PRICES

All on-tree prices represent the average price received by growers for their fruit by types. Prices are based on records of commercial fresh fruit sales and processed fruit returns. The term "on-tree" relates to fruit value before it is picked and hauled from the grove. Each season, beginning with the first month that three percent of a fruit type is harvested, monthly estimates are computed. Reports from fresh fruit sales organizations and from packers provide data for an average f.o.b. price. Processors report an average spot and cash price for fruit delivered to their plants. From these values, an estimated charge for picking, hauling, and packing is deducted to arrive at an on-tree price. The anticipated box utilization for the month is used to combine the fresh and processing price to obtain an average price for all methods of sales. At the end of the season, monthly price averages are computed and weighted by boxes utilized, to provide the preliminary season average price.

A year later, after most processed products are sold, cooperatives and firms with participation plans report prices of fruit they handled. These prices, combined with the spot and cash prices collected earlier, are weighted together, by varieties, to determine the final processing price received by growers. From this price, charges for picking, hauling, and packing, as estimated by University of Florida economists, are deducted to arrive at the final on-tree price received by growers.

COUNTY PRODUCTION

Estimates of citrus production by counties were prepared using objective survey data obtained from the citrus crop estimates program. Production for Florida has been distributed to counties based on the biennial citrus tree census, limb count survey data adjusted for droppage to end of season, and size data at maturity.

Tree numbers by county which are used in the estimates were obtained from the latest tree census. Productivity per tree are obtained from several objective fruit surveys including limb count, size, and droppage samples. Because of the statistical sampling design, counties with higher production in general have a greater number of fruit samples and, therefore, estimates for these counties can be considered more reliable. Thus, for the same reason, estimates for the production areas are more reliable than for individual counties.

FLORIDA CITRUS: Production of all citrus since 1886-87

Crop year	Type of fruit			
	Oranges	Grapefruit	Other	Total
	1,000 boxes			
1886-87	---	---	---	1,260
1887-88	---	---	---	1,450
1888-89	---	---	---	1,950
1889-90	---	---	---	2,150
1890-91	---	---	---	2,450
1891-92	---	---	---	2,713
1892-93	---	---	---	3,450
1893-94	---	---	---	5,055
1894-95	---	---	---	2,808
1895-96	---	---	---	147
1896-97	---	---	---	218
1897-98	---	---	---	359
1898-99	---	---	---	252
1899-00	---	---	---	274
1900-01	---	---	---	353
1901-02	---	---	---	974
1902-03	---	---	---	1,147
1903-04	---	---	---	1,955
1904-05	---	---	---	2,961
1905-06	---	---	---	3,794
1906-07	---	---	---	3,801
1907-08	---	---	---	3,250
1908-09	---	---	---	4,634
1909-10	5,300	1,100	---	6,400
1910-11	3,600	1,200	---	4,800
1911-12	3,950	1,150	---	5,100
1912-13	6,700	2,000	---	8,700
1913-14	6,200	2,200	---	8,400
1914-15	8,000	2,400	---	10,400
1915-16	6,500	2,400	---	8,900
1916-17	5,700	2,500	---	8,200
1917-18	4,000	2,000	---	6,000
1918-19	6,000	3,500	---	9,500
1919-20	7,550	5,900	478	13,928
1920-21	8,700	5,800	726	15,226
1921-22	7,850	6,700	583	15,133
1922-23	10,150	7,800	785	18,735
1923-24	13,150	8,500	590	22,240
1924-25	10,400	8,900	936	20,236
1925-26	9,500	7,600	730	17,830
1926-27	10,100	8,600	912	19,612
1927-28	8,650	7,500	850	17,000
1928-29	15,000	11,300	1,506	27,806
1929-30	8,950	8,300	858	18,108
1930-31	16,800	15,800	2,408	35,008
1931-32	12,200	10,700	2,009	24,909
1932-33	14,500	11,600	1,910	28,010
1933-34	15,900	10,900	2,012	28,812
1934-35	15,600	15,200	2,015	32,815
1935-36	15,900	11,500	2,112	29,512
1936-37	19,100	18,100	3,045	40,245
1937-38	23,900	14,600	2,370	40,870
1938-39	29,900	23,300	3,495	56,695
1939-40	25,350	15,900	2,745	43,995
1940-41	28,200	24,600	3,180	55,980
1941-42	26,800	19,200	2,650	48,650
1942-43	36,650	27,300	4,925	68,875
1943-44	45,500	31,000	4,490	80,990
1944-45	42,230	22,300	4,670	69,200
1945-46	49,000	32,000	5,200	86,200
1946-47	52,080	26,400	4,790	83,270
1947-48	57,530	29,300	4,440	91,270
1948-49	57,380	30,200	5,520	93,100
1949-50	57,790	24,200	5,970	87,960
1950-51	66,200	33,200	5,980	105,380
1951-52	76,900	33,000	6,060	115,960
1952-53	70,500	32,500	6,920	109,920
1953-54	89,100	40,700	7,070	136,870
1954-55	85,900	34,800	7,998	128,698
1955-56	88,200	38,300	7,935	134,435
1956-57	90,300	37,400	8,020	135,720
1957-58	81,000	31,100	4,300	116,400
1958-59	83,000	35,200	7,800	126,000
1959-60	87,600	30,500	7,470	125,570
1960-61	82,700	31,600	9,940	124,240
1961-62	108,800	34,800	10,210	153,810
1962-63	72,500	30,000	5,250	107,750
1963-64	54,900	26,300	8,620	89,820
1964-65	82,400	31,900	9,350	123,650
1965-66	95,900	34,900	10,190	140,990
1966-67	139,500	43,600	11,895	194,995
1967-68	100,500	32,900	10,880	144,280
1968-69	129,700	39,900	12,470	182,070
1969-70	137,700	37,400	13,915	189,015
1970-71	142,300	42,900	14,450	199,650
1971-72	137,000	47,000	16,480	200,480
1972-73	169,700	45,400	15,450	230,550
1973-74	165,800	48,100	16,350	230,250
1974-75	173,300	44,600	17,830	235,730
1975-76	181,200	49,100	19,180	249,480
1976-77	186,800	51,500	16,200	254,500
1977-78	167,800	51,400	16,270	235,470
1978-79	164,000	50,000	16,190	230,190
1979-80	206,700	54,800	22,050	283,550
1980-81	172,400	50,300	15,880	238,580
1981-82	125,800	48,100	15,310	189,210
1982-83	139,600	39,400	14,600	193,600
1983-84	116,700	40,900	11,945	169,545
1984-85	103,900	44,000	11,005	158,905
1985-86	119,200	46,750	10,065	176,015
1986-87	119,700	49,800	12,030	181,530
1987-88	138,000	53,850	12,250	204,100
1988-89	146,600	54,750	12,500	213,850

Source: See page 45, Data Sources, item 2.

History of Florida's Citrus Industry

The citrus tree is a native of the Orient. From there it was carried ever westward by man, to India, to the Mediterranean and on across the Atlantic. Citrus was brought to the Americas by Columbus. When he landed on November 22, 1493, he brought citrus seeds that were planted on the island of Haiti. The first seeds planted on the mainland of the Americas were brought by the expedition of Juan de Grijalva when he landed in Central America between July 12 and July 20, 1518. The exact date of the introduction of citrus trees into Florida is not known, but from a statement made by Pedro Medendez, dated April 2, 1579, it appears that citrus fruits were grown in abundance around St. Augustine at that time. Early settlers in Florida some two centuries later found wild citrus trees scattered over the State. One of the oldest, cultivated groves planted in Florida (Hume, 1926 p.95) is thought to have been the Don Phillipe grove in Pinellas County, planted sometime between 1809 and 1820.

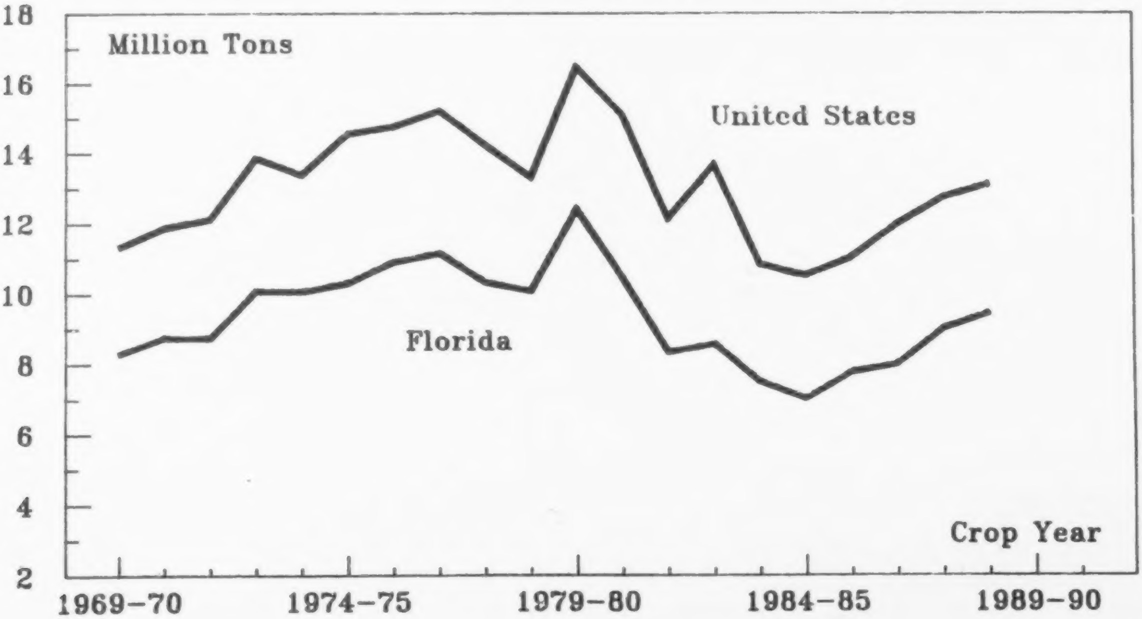
Citrus production in Florida had reached an all time high of more than 5 million boxes when the Great Freeze of 1894-95 almost totally wiped out the citrus industry. It was not until 1909-10 that this level was reached again. In 1988-89, Florida had 72.1 percent of the Nation's production.

PRINCIPAL CITRUS FRUITS: Bearing acreage and production, by states, crop years 1969-70 through 1988-89

Crop year	Florida		California		Texas		Arizona		United States	
	Bearing acreage	Prod 1/	Bearing acreage	Prod	Bearing acreage	Prod	Bearing acreage	Prod	Bearing acreage	Prod 1/
	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons
1969-70	817.1	8,306	197.2	2,130	75.9	513	32.2	399	1,122.4	11,348
1970-71	849.4	8,786	203.0	2,100	79.0	683	37.0	350	1,168.5	11,919
1971-72	824.2	8,760	213.1	2,371	80.1	629	40.4	403	1,157.8	12,163
1972-73	820.2	10,124	221.9	2,498	70.0	803	50.8	469	1,162.9	13,894
1973-74	817.3	10,088	269.1	2,285	67.5	709	52.7	330	1,206.6	13,412
1974-75	812.7	10,337	272.7	3,191	64.1	485	55.6	573	1,205.1	14,586
1975-76	796.2	10,943	272.1	2,842	64.1	687	61.2	316	1,193.6	14,788
1976-77	794.9	11,179	267.4	2,816	63.9	789	58.5	458	1,184.7	15,242
1977-78	756.4	10,349	264.6	2,695	68.4	736	52.6	475	1,142.0	14,255
1978-79	751.5	10,101	265.7	2,189	67.6	632	45.8	407	1,130.6	13,329
1979-80	758.4	12,418	265.3	3,208	71.7	487	47.7	371	1,143.1	16,484
1980-81	753.8	10,470	265.6	3,703	66.8	452	43.7	480	1,129.9	15,105
1981-82	747.9	8,331	264.8	2,541	64.8	808	46.8	459	1,124.3	12,139
1982-83	723.0	8,574	260.0	3,945	66.2	689	42.4	474	1,091.6	13,682
1983-84	639.8	7,485	259.3	2,783	67.6	235	41.2	329	1,007.9	10,832
1984-85	575.9	7,014	254.5	3,069	30.5	0	38.4	442	899.3	10,525
1985-86	507.8	7,785	252.8	2,930	21.8	23	36.5	320	818.9	11,058
1986-87	514.5	8,009	250.7	3,377	25.5	115	35.5	493	826.2	11,994
1987-88	519.5	9,020	250.7	3,235	28.8	213	35.6	293	834.6	12,761
1988-89	528.7	9,457	247.9	3,108	30.8	271	36.0	296	843.4	13,132

1/ Does not include Florida lemons or K-Early Citrus Fruit. Honey tangerines not included prior to 1981-82.

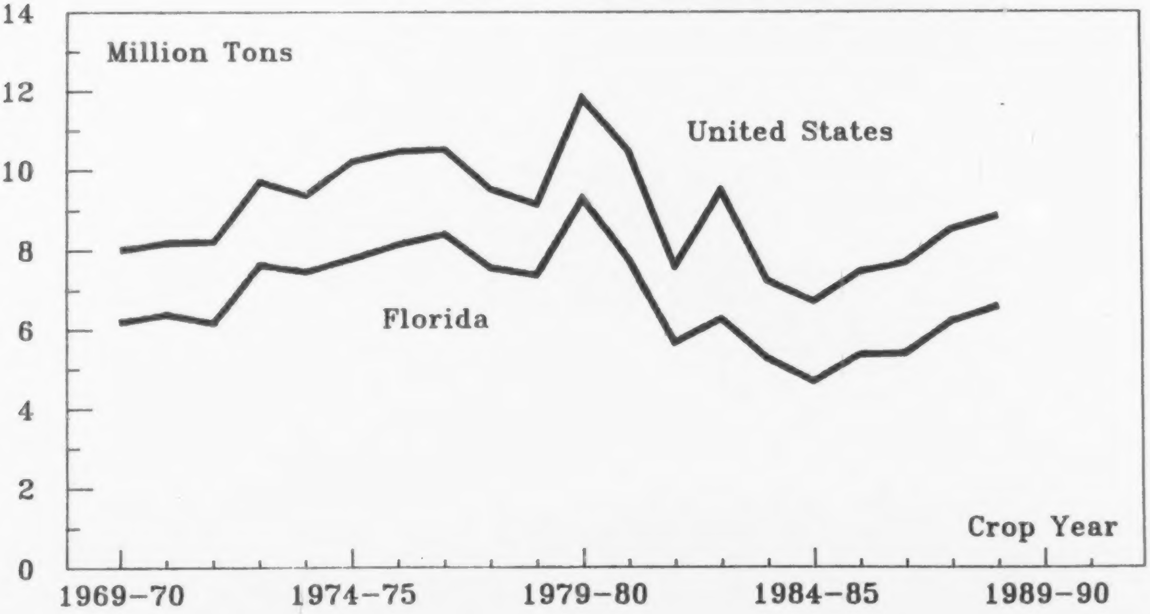
PRINCIPAL CITRUS FRUITS: Production for the United States and Florida, 1969-70 through 1988-89



ORANGES: Bearing acreage and production, by states, crop years 1969-70 through 1988-89

Crop year	Florida		California		Texas		Arizona		United States	
	Bearing: acreage	Prod	Bearing: acreage	Prod	Bearing: acreage	Prod	Bearing: acreage	Prod	Bearing: acreage	Prod
	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons
1969-70	636.1	6,197	160.2	1,463	35.0	189	15.5	174	846.8	8,023
1970-71	660.5	6,402	167.9	1,406	40.5	263	18.1	134	887.0	8,205
1971-72	624.2	6,165	180.4	1,627	42.5	261	19.5	184	866.6	8,237
1972-73	619.6	7,636	188.8	1,579	35.0	332	24.5	190	867.9	9,737
1973-74	614.6	7,461	196.0	1,516	32.5	281	24.4	128	867.5	9,386
1974-75	610.4	7,799	196.9	2,063	30.9	193	24.1	186	862.3	10,241
1975-76	596.4	8,154	197.7	1,980	30.9	259	23.0	100	848.0	10,493
1976-77	594.3	8,406	192.5	1,699	28.2	293	21.0	148	836.0	10,546
1977-78	579.0	7,551	188.6	1,599	28.4	260	16.8	136	812.8	9,546
1978-79	571.5	7,380	187.1	1,399	27.8	272	14.8	109	801.2	9,160
1979-80	576.6	9,302	185.7	2,228	28.0	171	15.7	131	806.0	11,832
1980-81	573.4	7,758	182.7	2,447	25.3	184	13.2	98	794.6	10,487
1981-82	560.2	5,661	180.2	1,572	23.7	252	13.6	115	777.7	7,600
1982-83	536.8	6,282	177.4	2,854	24.0	241	12.6	142	750.8	9,519
1983-84	474.2	5,252	177.1	1,819	24.3	107	12.6	65	688.2	7,243
1984-85	420.1	4,676	175.3	1,966	11.4	0	10.9	77	617.7	6,719
1985-86	367.6	5,364	174.6	2,022	8.3	14	11.0	76	561.5	7,476
1986-87	375.4	5,387	172.9	2,172	10.3	37	10.9	101	569.5	7,697
1987-88	380.2	6,210	172.6	2,212	11.9	61	10.6	68	575.3	8,551
1988-89	388.7	6,597	171.8	2,138	12.7	79	10.4	64	583.6	8,878

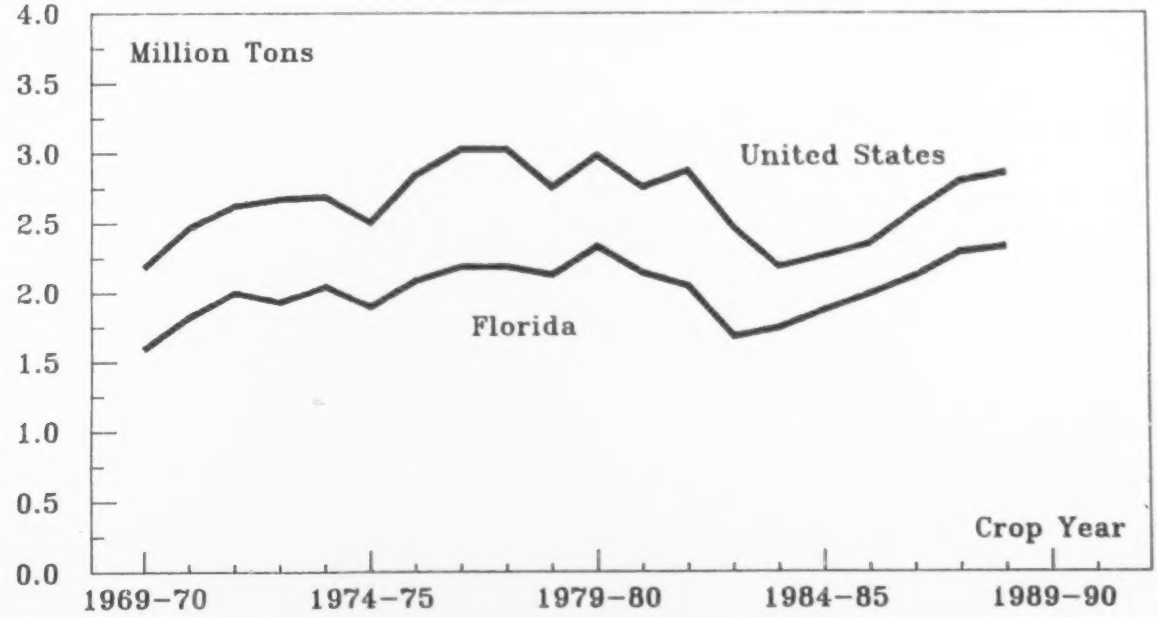
ORANGES: Production for the United States and Florida, 1968-69 through 1988-89



GRAPEFRUIT: Bearing acreage and production, by states,
crop years 1969-70 through 1988-89

Crop year	Florida		Texas		California		Arizona		United States	
	Bearing acreage	Prod	Bearing acreage	Prod	Bearing acreage	Prod	Bearing acreage	Prod	Bearing acreage	Prod
	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons
1969-70	98.7	1,590	40.0	324	12.8	171	6.1	101	157.6	2,186
1970-71	107.2	1,824	37.6	404	12.1	164	6.3	81	163.2	2,473
1971-72	112.6	1,999	35.0	368	12.6	179	6.4	81	166.6	2,627
1972-73	114.6	1,930	35.0	472	13.1	189	8.0	85	170.7	2,676
1973-74	115.8	2,044	35.0	428	14.3	154	8.2	66	173.3	2,692
1974-75	115.4	1,897	33.1	292	15.8	226	9.3	89	173.6	2,504
1975-76	117.9	2,088	33.1	428	16.4	234	9.6	100	177.0	2,850
1976-77	119.3	2,190	35.1	496	16.6	250	10.2	96	181.2	3,032
1977-78	120.3	2,184	40.1	476	17.4	274	10.8	96	188.6	3,030
1978-79	124.6	2,125	39.8	360	19.5	200	8.9	72	192.8	2,757
1979-80	126.4	2,329	43.8	316	21.3	245	8.4	96	199.9	2,986
1980-81	125.6	2,138	41.5	268	21.8	263	8.1	90	197.0	2,759
1981-82	127.8	2,044	41.1	556	22.0	201	8.2	77	199.1	2,878
1982-83	128.6	1,674	42.2	448	21.7	238	6.8	105	199.3	2,465
1983-84	119.6	1,738	43.3	128	21.9	238	6.8	80	191.6	2,184
1984-85	115.5	1,870	19.1	0	21.1	289	7.1	107	162.8	2,266
1985-86	105.1	1,987	13.5	9	20.9	266	5.7	90	145.2	2,352
1986-87	106.0	2,116	15.2	77	20.8	305	5.9	88	147.9	2,586
1987-88	106.0	2,289	16.9	152	20.7	298	6.0	62	149.6	2,801
1988-89	106.9	2,327	18.1	192	19.9	280	6.5	62	151.4	2,861

GRAPEFRUIT: Production for the United States and
Florida, 1969-70 through 1988-89



FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1969-70 through 1988-89 1/

Crop year	Bearing acreage	Yield per acre	Utilization of production			On-tree	
			Total	Fresh	Processed	Price per box	Value of production
	1,000 acres	Boxes		1,000 boxes		Dollars	1,000 dollars
All round oranges							
1969-70	636.1	216	137,700	13,263	124,437	1.14	156,876
1970-71	660.5	215	142,300	13,962	128,338	1.46	208,146
1971-72	624.2	219	137,000	11,233	125,767	2.04	280,317
1972-73	619.6	274	169,700	12,223	157,477	1.56	265,361
1973-74	614.6	270	165,800	11,090	154,710	1.47	244,691
1974-75	610.4	284	173,300	13,393	159,907	1.62	280,350
1975-76	596.4	304	181,200	11,730	169,470	1.77	321,449
1976-77	594.3	314	186,800	8,878	177,922	2.17	405,982
1977-78	579.0	290	167,800	9,966	157,834	4.14	693,677
1978-79	571.5	287	164,000	11,701	152,299	4.66	764,961
1979-80	576.6	358	206,700	10,990	195,710	3.72	768,877
1980-81	573.4	301	172,400	8,276	164,124	4.04	697,231
1981-82	560.2	225	125,800	7,620	118,180	4.28	538,686
1982-83	536.8	260	139,600	10,320	129,280	5.15	718,420
1983-84	474.3	246	116,700	7,640	109,060	5.75	670,618
1984-85	420.1	247	103,900	6,652	97,248	7.10	737,923
1985-86	367.6	324	119,200	8,960	110,240	3.94	469,959
1986-87	375.4	319	119,700	8,870	110,830	5.22	624,771
1987-88	380.2	363	138,000	9,520	128,480	7.58	1,046,700
1988-89	388.7	377	146,600	8,456	138,144	7.28	1,067,442
Early and midseason oranges							
1969-70	332.3	219	72,900	7,491	65,409	1.15	83,691
1970-71	348.3	236	82,100	8,198	73,902	1.10	90,141
1971-72	323.2	213	68,800	6,024	62,776	1.98	136,107
1972-73	320.3	281	90,000	6,681	83,319	1.43	128,873
1973-74	316.3	291	92,100	6,110	85,990	1.38	127,438
1974-75	314.8	307	96,600	7,402	89,198	1.46	140,792
1975-76	308.4	320	98,800	6,485	92,315	1.69	166,911
1976-77	306.9	375	115,000	6,131	108,869	1.89	216,967
1977-78	299.0	295	88,300	5,750	82,550	3.90	344,268
1978-79	295.5	308	91,000	6,325	84,675	4.44	403,767
1979-80	298.9	394	117,900	6,476	111,424	3.59	423,324
1980-81	297.2	355	105,600	5,788	99,812	3.67	387,714
1981-82	289.6	256	74,000	4,929	69,071	4.27	316,316
1982-83	277.8	253	70,200	6,067	64,133	4.88	342,914
1983-84	237.3	294	69,700	4,939	64,761	5.09	354,800
1984-85	198.3	277	55,000	4,418	50,582	7.30	401,369
1985-86	182.3	352	64,200	5,121	59,079	3.92	251,366
1986-87	189.1	348	65,800	5,267	60,533	4.56	300,290
1987-88	198.1	396	78,500	5,870	72,630	6.72	527,169
1988-89	205.4	415	85,300	5,436	79,864	6.55	558,305

1/ 1988-89 preliminary.

FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1969-70 through 1988-89 1/

Crop year	Bearing acreage	Yield per acre	Utilization of production			On-tree	
			Total	Fresh	Processed	Price per box	Value of production
	1,000 acres	Boxes		1,000 boxes		Dollars	1,000 dollars
Late (Valencia) oranges							
1969-70	303.8	213	64,800	5,772	59,028	1.13	73,185
1970-71	312.2	193	60,200	5,764	54,436	1.91	118,025
1971-72	301.0	227	68,200	5,209	62,991	2.11	144,210
1972-73	299.3	266	79,700	5,542	74,158	1.71	136,488
1973-74	298.3	247	73,700	4,980	68,720	1.59	117,253
1974-75	295.6	259	76,700	5,991	70,709	1.82	139,558
1975-76	288.0	286	82,400	5,245	77,155	1.88	154,538
1976-77	287.4	250	71,800	2,747	69,053	2.63	189,015
1977-78	280.0	284	79,500	4,216	75,284	4.40	349,409
1978-79	276.0	264	73,000	5,376	67,624	4.95	361,194
1979-80	277.7	320	88,800	4,514	84,286	3.89	345,553
1980-81	276.2	242	66,800	2,488	64,312	4.63	309,517
1981-82	270.6	191	51,800	2,691	49,109	4.29	222,370
1982-83	259.0	268	69,400	4,253	65,147	5.41	375,506
1983-84	237.0	198	47,000	2,701	44,299	6.72	315,818
1984-85	221.8	220	48,900	2,234	46,666	6.88	336,554
1985-86	185.3	297	55,000	3,839	51,161	3.97	218,593
1986-87	186.3	289	53,900	3,603	50,297	6.02	324,481
1987-88	182.1	327	59,500	3,650	55,850	8.73	519,531
1988-89	183.3	334	61,300	3,020	58,280	8.31	509,137
Temples							
1969-70	21.8	239	5,200	2,823	2,377	1.47	7,631
1970-71	23.0	217	5,000	2,232	2,768	1.91	9,529
1971-72	22.4	237	5,300	1,783	3,517	1.95	10,358
1972-73	22.3	229	5,100	2,445	2,655	1.95	9,959
1973-74	21.9	242	5,300	1,925	3,375	1.64	8,669
1974-75	21.9	242	5,300	1,908	3,392	1.68	8,893
1975-76	20.5	268	5,500	2,329	3,171	1.79	9,870
1976-77	20.3	187	3,800	1,184	2,616	2.16	8,189
1977-78	18.9	259	4,900	2,049	2,851	3.92	19,226
1978-79	18.3	257	4,700	2,135	2,565	4.89	22,968
1979-80	18.2	330	6,000	2,784	3,216	2.89	17,356
1980-81	17.7	203	3,600	1,107	2,493	4.21	15,170
1981-82	16.8	190	3,200	838	2,362	4.01	12,824
1982-83	15.8	297	4,700	1,563	3,137	3.99	18,735
1983-84	13.5	215	2,900	762	2,138	5.34	15,476
1984-85	12.2	266	3,250	626	2,624	5.59	18,162
1985-86	10.0	295	2,950	913	2,037	3.01	8,870
1986-87	9.4	362	3,400	1,053	2,347	3.60	12,236
1987-88	9.3	382	3,550	1,292	2,258	5.69	20,196
1988-89	9.3	403	3,750	868	2,882	4.44	16,638

1/ 1988-89 preliminary.

FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1969-70 through 1988-89 1/

Crop year	Bearing acreage	Yield per acre	Utilization of production			On-tree	
			Total	Fresh	Processed	Price per box	Value of production
	1,000 acres	Boxes		1,000 boxes		Dollars	1,000 dollars
All grapefruit							
1969-70	98.7	379	37,400	14,262	23,138	1.70	63,526
1970-71	107.2	400	42,900	14,960	27,940	1.91	81,514
1971-72	112.6	417	47,000	17,039	29,961	2.32	108,991
1972-73	114.6	396	45,400	17,046	28,354	2.08	94,635
1973-74	115.8	415	48,100	18,731	29,369	1.66	79,879
1974-75	115.4	386	44,600	18,797	25,806	1.72	76,367
1975-76	117.9	416	49,100	20,369	28,731	1.47	72,155
1976-77	119.3	432	51,500	16,393	35,107	1.58	81,116
1977-78	120.3	427	51,400	18,038	33,362	1.64	84,438
1978-79	124.6	401	50,000	19,790	30,210	2.41	120,128
1979-80	126.4	434	54,800	19,501	35,299	3.31	181,208
1980-81	125.6	400	50,300	17,167	33,133	3.60	181,155
1981-82	127.8	376	48,100	16,719	31,381	2.09	100,597
1982-83	128.6	306	39,400	18,313	21,087	1.96	77,221
1983-84	119.6	342	40,900	16,661	24,239	2.72	111,158
1984-85	115.5	381	44,000	14,988	29,012	3.67	161,356
1985-86	105.1	445	46,750	19,620	27,130	4.09	191,068
1986-87	106.0	470	49,800	20,938	28,862	4.98	248,120
1987-88	106.0	508	53,850	23,110	30,740	5.57	299,887
1988-89	106.9	512	54,750	23,889	30,861	4.52	247,709
Seedy grapefruit							
1969-70	25.1	378	9,500	559	8,941	1.42	13,485
1970-71	25.2	468	11,800	479	11,321	1.68	19,781
1971-72	24.5	445	10,900	285	10,615	2.01	21,931
1972-73	24.3	420	10,200	281	9,919	1.63	16,672
1973-74	23.6	424	10,000	138	9,862	1.31	13,117
1974-75	23.3	309	7,200	147	7,053	.87	6,270
1975-76	22.6	345	7,800	109	7,691	.85	6,668
1976-77	22.5	404	9,100	64	9,036	1.20	10,920
1977-78	21.0	400	8,400	85	8,315	1.45	12,180
1978-79	21.3	343	7,300	71	7,229	1.84	13,432
1979-80	20.0	395	7,900	106	7,794	3.04	24,016
1980-81	19.6	372	7,300	69	7,231	2.92	21,316
1981-82	19.3	311	6,000	2/	6,000	1.13	6,780
1982-83	19.0	253	4,800	2/	4,800	.70	3,360
1983-84	15.3	295	4,500	2/	4,500	2.01	9,045
1984-85	12.7	228	2,900	2/	2,900	2.58	7,482
1985-86	10.3	306	3,150	2/	3,150	3.27	10,301
1986-87	9.5	305	2,900	2/	2,900	4.27	12,383
1987-88	8.9	309	2,750	2/	2,750	4.99	13,723
1988-89	8.7	385	3,350	2/	3,350	3.68	12,328

1/ 1988-89 preliminary. 2/ Fresh sales insignificant, included in processed.

FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1969-70 through 1988-89 1/

Crop year	Bearing acreage	Yield per acre	Utilization of production			On-tree	
			Total	Fresh	Processed	Price per box	Value of production
	1,000 acres	Boxes	1,000 boxes			Dollars	1,000 dollars
White seedless grapefruit							
1969-70	47.2	375	17,700	7,016	10,684	1.72	30,429
1970-71	54.0	374	20,200	7,452	12,748	1.89	38,302
1971-72	59.0	403	23,800	8,938	14,862	2.27	54,040
1972-73	60.3	390	23,500	9,507	13,993	2.06	48,364
1973-74	61.3	423	25,900	10,748	15,152	1.58	40,919
1974-75	61.1	424	25,900	11,008	14,892	1.55	40,282
1975-76	63.3	447	28,300	11,315	16,985	1.29	36,557
1976-77	63.6	470	29,900	9,805	20,095	1.49	44,690
1977-78	64.2	447	28,700	9,026	19,674	1.47	42,323
1978-79	66.0	445	29,400	10,179	19,221	2.21	65,021
1979-80	66.9	465	31,100	8,900	22,200	3.12	97,086
1980-81	66.6	426	28,400	8,195	20,205	3.46	98,285
1981-82	65.8	415	27,300	8,329	18,971	1.92	52,370
1982-83	65.4	333	21,800	9,045	12,755	1.51	32,941
1983-84	60.5	380	23,000	7,642	15,358	2.08	47,885
1984-85	58.2	426	24,800	5,350	19,450	3.02	74,956
1985-86	53.4	479	25,600	6,735	18,865	3.56	91,107
1986-87	53.0	508	26,900	7,086	19,814	4.45	119,693
1987-88	51.6	566	29,200	8,020	21,180	5.35	156,360
1988-89	51.1	542	27,700	8,030	19,670	4.42	122,562
Colored seedless grapefruit							
1969-70	26.4	386	10,200	6,687	3,513	1.92	19,612
1970-71	28.0	389	10,900	7,029	3,871	2.15	23,431
1971-72	29.1	423	12,300	7,816	4,484	2.69	32,020
1972-73	30.0	390	11,700	7,258	4,442	2.53	29,599
1973-74	30.9	395	12,200	7,845	4,355	2.12	25,843
1974-75	31.0	371	11,500	7,642	3,858	2.59	29,815
1975-76	32.0	406	13,000	8,945	4,055	2.23	28,930
1976-77	33.2	377	12,500	6,524	5,976	2.04	25,506
1977-78	35.1	407	14,300	8,927	5,373	2.09	29,935
1978-79	37.3	357	13,300	9,540	3,760	3.13	41,675
1979-80	39.5	400	15,800	10,495	5,305	3.80	60,106
1980-81	39.4	371	14,600	8,903	5,697	4.22	61,554
1981-82	42.7	347	14,800	8,390	6,410	2.80	41,447
1982-83	44.2	290	12,800	9,268	3,532	3.20	40,920
1983-84	43.8	306	13,400	9,019	4,381	4.05	54,228
1984-85	44.6	365	16,300	9,638	6,662	4.84	78,918
1985-86	41.4	435	18,000	12,885	5,115	4.98	89,660
1986-87	43.5	460	20,000	13,852	6,148	5.80	116,044
1987-88	45.5	481	21,900	15,090	6,810	5.93	129,804
1988-89	47.1	503	23,700	15,859	7,841	4.76	112,819

1/ 1988-89 preliminary.

FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1969-70 through 1988-89 1/

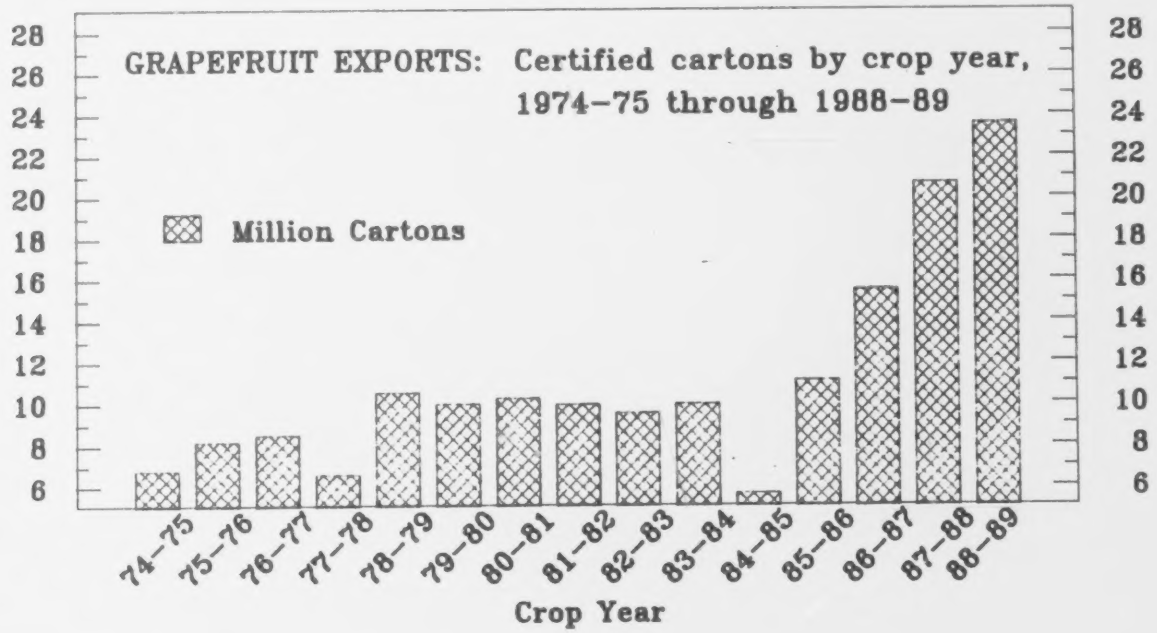
Crop year	Bearing acreage	Yield per acre	Utilization of production			On-tree	
			Total	Fresh	Processed	Price per box	Value of production
	1,000 acres	Boxes	1,000 boxes			Dollars	1,000 dollars
Tangelos							
1969-70	18.1	138	2,500	1,397	1,103	1.13	2,828
1970-71	21.4	126	2,700	1,607	1,093	1.04	2,816
1971-72	20.0	180	3,600	1,718	1,882	1.69	6,091
1972-73	19.2	161	3,100	1,433	1,667	1.39	4,320
1973-74	18.8	197	3,700	1,596	2,104	1.25	4,631
1974-75	18.9	249	4,700	2,363	2,337	1.45	6,833
1975-76	18.6	296	5,500	2,245	3,255	1.42	7,806
1976-77	18.4	261	4,800	2,295	2,505	1.42	6,814
1977-78	17.9	274	4,900	1,987	2,913	3.29	16,144
1978-79	17.1	246	4,200	1,721	2,479	3.90	16,360
1979-80	17.3	370	6,400	1,807	4,593	2.87	18,351
1980-81	16.8	292	4,900	2,056	2,844	3.92	19,226
1981-82	16.1	317	5,100	1,780	3,320	3.58	18,264
1982-83	15.6	244	3,800	1,878	1,922	4.37	16,596
1983-84	12.3	293	3,600	1,596	2,004	4.28	15,395
1984-85	10.1	356	3,600	1,468	2,132	7.08	25,501
1985-86	9.5	311	2,950	1,338	1,612	4.06	11,980
1986-87	9.5	421	4,000	1,310	2,690	3.72	14,891
1987-88	9.4	447	4,200	1,395	2,805	5.58	23,435
1988-89	9.5	400	3,800	1,348	2,452	5.85	22,241
All Tangerines 2/							
1969-70	18.6	161	3,000	2,383	617	2.23	6,697
1970-71	20.0	185	3,700	2,661	1,039	1.88	6,970
1971-72	19.3	166	3,200	2,228	972	2.97	9,497
1972-73	19.4	155	3,000	2,018	982	2.37	7,123
1973-74	19.1	147	2,800	2,055	745	2.82	7,885
1974-75	19.4	160	3,100	2,211	889	3.05	9,463
1975-76	18.0	189	3,400	2,362	1,038	3.02	10,251
1976-77	17.9	184	3,300	2,317	983	3.29	10,855
1977-78	16.5	194	3,200	1,901	1,299	4.79	15,339
1978-79	15.9	220	3,500	1,891	1,609	4.99	17,465
1979-80	15.2	257	3,900	2,339	1,561	4.25	16,594
1980-81	15.0	200	3,000	1,905	1,095	5.45	16,361
1981-82	20.6	199	4,100	1,917	2,183	5.91	24,236
1982-83	18.9	180	3,400	2,170	1,230	7.81	26,556
1983-84	13.2	225	2,975	1,858	1,117	7.08	21,075
1984-85	11.3	163	1,840	945	895	13.66	25,127
1985-86	8.8	222	1,950	1,189	761	11.55	22,515
1986-87	7.5	312	2,340	1,462	878	10.92	25,563
1987-88	7.6	322	2,450	1,614	836	12.99	31,831
1988-89	7.7	377	2,900	1,638	1,262	12.25	35,534

1/ 1988-89 preliminary. 2/ Honey tangerines not included prior to 1981-82.

FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1969-70 through 1988-89 1/

Crop year	Bearing acreage	Yield per acre	Utilization of production			On-tree	
			Total	Fresh	Processed	Price per box	Value of production
	1,000 acres	Boxes	1,000 boxes			Dollars	1,000 dollars
Limes							
1969-70	3.9	186	725	374	351	4.11	2,983
1970-71	4.3	205	880	395	485	3.10	2,725
1971-72	4.5	244	1,100	474	626	3.89	4,279
1972-73	4.5	244	1,100	517	583	4.25	4,670
1973-74	4.4	239	1,050	479	571	5.10	5,351
1974-75	4.4	250	1,100	493	607	5.35	5,889
1975-76	4.4	245	1,080	586	494	6.70	7,235
1976-77	4.5	222	1,000	514	486	8.60	8,596
1977-78	3.8	121	460	340	120	15.72	7,229
1978-79	4.1	176	720	481	239	12.44	8,948
1979-80	4.7	234	1,100	622	478	8.18	8,996
1980-81	5.3	226	1,200	697	503	6.58	7,891
1981-82	6.4	203	1,300	625	675	7.88	10,238
1982-83	7.3	233	1,700	975	725	8.39	14,262
1983-84	7.0	206	1,440	825	615	7.46	10,736
1984-85	6.7	245	1,640	1,025	615	7.27	11,927
1985-86	6.8	254	1,725	880	845	7.94	13,692
1986-87	6.7	216	1,450	850	600	8.57	12,424
1987-88	7.0	186	1,300	860	440	12.69	16,493
1988-89	6.6	189	1,250	950	300	11.29	14,112

1/ 1988-89 preliminary.



CITRUS FRUITS: Utilization, season average on-tree price, and value by types, by states, crop years 1983-84 through 1988-89 1/

Crop year	Utilization of production			Price per box			Value of production		
	Fresh	Proc	Total	Fresh	Proc	Total	Fresh	Proc	Total
	1,000 boxes			Dollars per box			1,000 dollars		
United States oranges									
1983-84	48,030	121,410	169,440	8.37	5.07	5.92	403,283	604,477	1,007,760
1984-85	48,657	109,693	158,350	10.17	6.29	7.37	493,420	679,313	1,172,733
1985-86	54,495	120,945	175,440	6.38	3.43	4.27	349,010	406,650	755,660
1986-87	53,315	127,860	181,175	7.97	4.45	5.39	427,974	553,023	980,997
1987-88	53,521	146,729	200,250	8.41	6.78	7.18	450,588	974,260	1,424,848
1988-89	50,627	156,523	207,150	8.02	6.49	6.83	406,185	994,681	1,400,866
Florida oranges									
1983-84	7,640	109,060	116,700	7.75	5.61	5.75	59,245	611,373	670,618
1984-85	6,652	97,248	103,900	11.11	6.83	7.10	73,911	664,012	737,923
1985-86	8,960	110,240	119,200	5.33	3.83	3.94	47,746	422,213	469,959
1986-87	8,870	110,830	119,700	6.18	5.14	5.22	54,828	569,943	624,771
1987-88	9,520	128,480	138,000	7.96	7.56	7.58	75,749	970,951	1,046,700
1988-89	8,456	138,144	146,600	7.58	7.26	7.28	64,084	1,003,358	1,067,442
California oranges									
1983-84	37,550	10,950	48,500	8.73	- .90	6.55	327,701	- 9,886	317,815
1984-85	40,400	12,000	52,400	10.01	1.23	8.00	404,262	14,724	418,986
1985-86	43,600	10,300	53,900	6.60	-1.46	5.06	287,620	-15,068	272,552
1986-87	41,700	16,200	57,900	8.50	-1.03	5.83	354,468	-16,704	337,764
1987-88	41,300	17,700	59,000	8.55	.15	6.03	352,984	2,646	355,630
1988-89	39,400	17,600	57,000	8.12	- .61	5.42	319,916	-10,791	309,125
Texas oranges									
1983-84	1,390	1,120	2,510	3.99	2.70	3.41	5,546	3,024	8,570
1984-85	0	0	0	0	0	0	0	0	0
1985-86	290	20	310	9.23	4.00	8.89	2,677	80	2,757
1986-87	785	90	875	7.69	2.47	7.15	6,034	222	6,256
1987-88	1,276	154	1,430	8.05	3.27	7.53	10,272	503	10,775
1988-89	1,556	294	1,850	6.92	3.67	6.40	10,766	1,080	11,846
Arizona oranges									
1983-84	1,450	280	1,730	7.44	- .12	6.22	10,791	- 34	10,757
1984-85	1,605	445	2,050	9.50	1.30	7.72	15,247	577	15,824
1985-86	1,645	385	2,030	6.67	-1.49	5.12	10,967	- 575	10,392
1986-87	1,960	740	2,700	6.45	- .59	4.52	12,644	- 438	12,206
1987-88	1,425	395	1,820	8.13	.41	6.45	11,583	160	11,743
1988-89	1,215	485	1,700	9.40	2.13	7.33	11,419	1,034	12,453

1/ 1988-89 preliminary.

CITRUS FRUITS: Utilization, season average on-tree price, and value by types, by states, crop years 1984-85 through 1988-89 1/

Crop	Utilization of production			Price per box			Value of production		
year	Fresh	Proc	Total	Fresh	Proc	Total	Fresh	Proc	Total
	1,000 boxes			Dollars per box			1,000 dollars		
Florida early (including Navels) and midseason oranges									
1984-85	4,418	50,582	55,000	11.85	6.90	7.30	52,353	349,016	401,369
1985-86	5,121	59,079	64,200	6.40	3.70	3.92	32,774	218,592	251,366
1986-87	5,267	60,533	65,800	6.10	4.43	4.56	32,129	268,161	300,290
1987-88	5,870	72,630	78,500	7.65	6.64	6.72	44,906	482,263	527,169
1988-89	5,436	79,864	85,300	7.65	6.47	6.55	41,585	516,720	558,305
Florida Navels									
1984-85	1,379	371	1,750	16.45	6.49	14.34	22,685	2,408	25,093
1985-86	1,606	444	2,050	11.90	3.06	9.99	19,111	1,359	20,470
1986-87	1,932	568	2,500	9.50	2.81	7.98	18,354	1,596	19,950
1987-88	2,046	554	2,600	10.45	4.63	9.21	21,381	2,565	23,946
1988-89	2,312	788	3,100	10.05	4.37	8.61	23,236	3,444	26,680
Florida late (Valencia) oranges									
1984-85	2,234	46,666	48,900	9.65	6.75	6.88	21,558	314,996	336,554
1985-86	3,839	51,161	55,000	3.90	3.98	3.97	14,972	203,621	218,593
1986-87	3,603	50,297	53,900	6.30	6.00	6.02	22,699	301,782	324,481
1987-88	3,650	55,850	59,500	8.45	8.75	8.73	30,843	488,688	519,531
1988-89	3,020	58,280	61,300	7.45	8.35	8.31	22,499	486,638	509,137
California Navels and miscellaneous oranges									
1984-85	23,100	3,100	26,200	10.94	.96	9.76	252,714	2,976	255,690
1985-86	26,500	6,500	33,000	7.24	-1.64	5.49	191,860	-10,660	181,200
1986-87	26,500	8,000	34,500	7.56	-1.76	5.40	200,340	-14,080	186,260
1987-88	24,900	6,600	31,500	7.84	- .44	6.11	195,216	- 2,904	192,312
1988-89	25,900	8,100	34,000	7.64	- .91	5.60	197,876	- 7,371	190,505
California Valencia oranges									
1984-85	17,300	8,900	26,200	8.76	1.32	6.23	151,548	11,748	163,296
1985-86	17,100	3,800	20,900	5.60	-1.16	4.37	95,760	- 4,408	91,352
1986-87	15,200	8,200	23,400	10.14	- .32	6.47	154,128	- 2,624	151,504
1987-88	16,400	11,100	27,500	9.62	.50	5.94	157,768	5,550	163,318
1988-89	13,500	9,500	23,000	9.04	- .36	5.16	122,040	- 3,420	118,620
Florida Temples									
1984-85	626	2,624	3,250	9.90	4.56	5.59	6,197	11,965	18,162
1985-86	913	2,037	2,950	5.90	1.71	3.01	5,387	3,483	8,870
1986-87	1,053	2,347	3,400	5.00	2.97	3.60	5,265	6,971	12,236
1987-88	1,292	2,258	3,550	7.05	4.91	5.69	9,109	11,087	20,196
1988-89	868	2,882	3,750	6.75	3.74	4.44	5,859	10,779	16,638

1/ 1988-89 preliminary.

CITRUS FRUITS: Utilization, season average on-tree price, and value by types, by states, crop years 1983-84 through 1988-89 1/

Crop year	Utilization of production			Price per box			Value of production		
	Fresh	Proc	Total	Fresh	Proc	Total	Fresh	Proc	Total
	1,000 boxes			Dollars per box			1,000 dollars		
United States grapefruit									
1983-84	25,841	27,999	53,840	4.14	1.37	2.68	107,956	36,122	144,078
1984-85	23,368	32,782	56,150	6.27	2.38	3.95	149,415	75,547	224,962
1985-86	27,320	30,550	57,870	5.85	2.94	4.29	163,452	86,793	250,245
1986-87	30,083	33,692	63,775	6.27	3.79	4.94	190,367	123,182	313,549
1987-88	33,195	35,505	68,700	6.84	4.16	5.43	226,968	143,484	370,452
1988-89	34,694	35,306	70,000	6.56	2.53	4.50	227,828	86,908	314,736
Florida grapefruit									
1983-84	16,661	24,239	40,900	4.19	1.70	2.72	69,817	41,264	111,081
1984-85	14,988	29,012	44,000	5.62	2.66	3.67	84,208	77,148	161,356
1985-86	19,620	27,130	46,750	5.19	3.29	4.09	101,731	89,336	191,067
1986-87	20,938	28,862	49,800	5.89	4.32	4.98	123,342	124,778	248,120
1987-88	23,110	30,740	53,850	6.85	4.61	5.57	158,213	141,674	299,887
1988-89	23,889	30,861	54,750	6.68	2.85	4.52	159,681	88,028	247,709
California grapefruit									
1983-84	4,620	2,620	7,240	5.30	-1.53	2.83	24,469	-4,008	20,461
1984-85	6,200	2,600	8,800	8.19	- .45	5.64	50,732	-1,156	49,576
1985-86	5,700	2,400	8,100	8.74	- .76	5.93	49,755	-1,824	47,931
1986-87	5,850	3,450	9,300	7.71	- .64	4.62	45,039	-2,208	42,831
1987-88	6,000	3,100	9,100	7.43	- .41	4.76	44,392	-1,274	43,118
1988-89	5,580	2,920	8,500	7.51	- .44	4.76	41,602	-1,307	40,295
Texas grapefruit									
1983-84	2,860	340	3,200	2.20	.24	1.99	6,292	82	6,374
1984-85	0	0	0	0	0	0	0	0	0
1985-86	200	20	220	8.89	3.53	8.40	1,778	71	1,849
1986-87	1,555	370	1,925	7.47	3.40	6.69	11,616	1,258	12,874
1987-88	2,785	1,015	3,800	6.61	3.32	5.73	18,409	3,370	21,779
1988-89	3,890	910	4,800	5.06	.57	4.21	19,683	519	20,202
Arizona grapefruit									
1983-84	1,700	800	2,500	4.34	-1.52	2.46	7,378	-1,216	6,162
1984-85	2,180	1,170	3,350	6.64	- .38	4.19	14,475	- 445	14,030
1985-86	1,800	1,000	2,800	5.66	- .79	3.36	10,188	- 790	9,398
1986-87	1,740	1,010	2,750	5.96	- .64	3.54	10,370	- 646	9,724
1987-88	1,300	650	1,950	4.58	- .44	2.91	5,954	- 286	5,668
1988-89	1,335	615	1,950	5.14	- .54	3.35	6,862	- 332	6,530

1/ 1988-89 preliminary.

CITRUS FRUITS: Utilization, season average on-tree price, and value by types, by states, crop years 1984-85 through 1988-89 1/

Crop	Utilization of production:			Price per box			Value of production		
year	Fresh	Proc	Total	Fresh	Proc	Total	Fresh	Proc	Total
	1,000 boxes			Dollars per box			1,000 dollars		
Florida all tangerines									
1984-85	945	895	1,840	22.65	4.16	13.66	21,404	3,723	25,127
1985-86	1,189	761	1,950	18.20	1.15	11.55	21,640	875	22,515
1986-87	1,462	878	2,340	16.20	2.14	10.92	23,684	1,879	25,563
1987-88	1,614	836	2,450	17.65	4.00	12.99	28,487	3,344	31,831
1988-89	1,638	1,262	2,900	18.75	3.82	12.25	30,713	4,821	35,534
Florida Robinson tangerines									
1984-85	284	116	400	22.85	3.26	17.17	6,489	378	6,867
1985-86	257	103	360	22.90	.77	16.57	5,885	79	5,964
1986-87	290	110	400	22.40	.86	16.48	6,496	95	6,591
1987-88	278	82	360	24.05	2.10	19.05	6,686	172	6,858
1988-89	320	130	450	21.75	1.47	15.89	6,960	191	7,151
Florida Dancy tangerines									
1984-85	409	241	650	21.70	4.07	15.16	8,875	981	9,856
1985-86	481	309	790	17.55	.64	10.94	8,442	198	8,640
1986-87	524	376	900	16.20	1.37	10.00	8,489	515	9,004
1987-88	550	390	940	15.95	2.14	10.22	8,773	835	9,608
1988-89	528	422	950	17.45	1.78	10.49	9,214	751	9,965
Florida Honey tangerines									
1984-85	252	538	790	24.10	4.39	10.68	6,073	2,362	8,435
1985-86	451	349	800	16.50	1.70	10.04	7,442	593	8,035
1986-87	648	392	1,040	13.40	3.24	9.57	8,683	1,270	9,953
1987-88	786	364	1,150	16.65	6.42	13.41	13,087	2,337	15,424
1988-89	790	710	1,500	18.45	5.47	12.31	14,576	3,884	18,460
California tangerines									
1984-85	1,145	535	1,680	15.56	.94	10.90	17,816	503	18,319
1985-86	1,270	530	1,800	15.30	-1.38	10.39	19,431	-731	18,700
1986-87	1,632	598	2,230	13.54	- .32	9.82	22,097	-191	21,906
1987-88	1,524	566	2,090	18.92	- .38	13.69	28,834	-215	28,619
1988-89	1,475	565	2,040	16.94	.36	12.35	24,987	203	25,190
Arizona tangerines									
1984-85	900	200	1,100	12.92	1.30	10.81	11,628	260	11,888
1985-86	720	230	950	13.70	-1.34	10.06	9,864	-308	9,556
1986-87	725	175	900	13.14	- .32	10.52	9,527	- 56	9,471
1987-88	500	100	600	16.02	.50	13.43	8,010	50	8,060
1988-89	520	130	650	17.04	.42	13.72	8,861	55	8,916

1/ 1988-89 preliminary.

OTHER CITRUS, LIMES AND LEMONS: Utilization, season average on-tree price, and value by types, by states, crop years 1984-85 through 1988-89 1/

Crop year	Utilization of production: Fresh	Proc	Total	Price per box: Fresh	Proc	Total	Value of production: Fresh	Proc	Total
	1,000 boxes			Dollars per box			1,000 dollars		
Florida tangelos									
1984-85	1,468	2,132	3,600	10.40	4.80	7.08	15,267	10,234	25,501
1985-86	1,338	1,612	2,950	6.40	2.12	4.06	8,563	3,417	11,980
1986-87	1,310	2,690	4,000	5.70	2.76	3.72	7,467	7,424	14,891
1987-88	1,395	2,805	4,200	7.65	4.55	5.58	10,672	12,763	23,435
1988-89	1,348	2,452	3,800	8.15	4.59	5.85	10,986	11,255	22,241
Florida K-Early Citrus									
1984-85	102	23	125	14.10	2.37	11.94	1,438	55	1,493
1985-86	121	39	160	10.90	.89	8.46	1,319	35	1,354
1986-87	174	46	220	8.20	1.12	6.72	1,427	52	1,479
1987-88	184	56	240	10.45	1.60	8.39	1,923	90	2,013
1988-89	251	69	320	6.95	.73	5.61	1,744	50	1,794
Florida limes									
1984-85	1,025	615	1,640	12.20	- .94	7.27	12,505	-578	11,927
1985-86	880	845	1,725	16.50	- .98	7.94	14,520	-828	13,692
1986-87	850	600	1,450	15.40	-1.11	8.57	13,090	-666	12,424
1987-88	860	440	1,300	20.12	-1.84	12.69	17,303	-810	16,493
1988-89	950	300	1,250	15.24	-1.22	11.29	14,478	-366	14,112
California lemons									
1984-85	9,350	10,450	19,800	10.58	-1.06	4.44	98,923	-11,077	87,846
1985-86	9,500	5,600	15,100	14.28	-1.18	8.55	135,660	- 6,608	129,052
1986-87	10,000	11,500	21,500	10.54	-1.18	4.27	105,400	-13,570	91,830
1987-88	10,100	6,900	17,000	13.44	-2.04	7.16	135,744	-14,076	121,668
1988-89	10,300	5,900	16,200	14.96	-2.12	8.74	154,088	-12,508	141,580
Arizona lemons									
1984-85	2,250	3,400	5,650	6.74	-1.37	1.86	15,165	-4,658	10,507
1985-86	1,890	1,210	3,100	20.96	-1.23	12.30	39,614	-1,488	38,126
1986-87	2,345	4,755	7,100	6.32	-1.08	1.36	14,820	-5,135	9,685
1987-88	1,965	1,685	3,650	12.24	-2.04	5.65	24,052	-3,437	20,615
1988-89	1,980	1,820	3,800	12.32	-1.21	5.84	24,394	-2,202	22,192

1/ 1988-89 preliminary.

FLORIDA LEMONS: Bearing acreage, production, and season average on-tree prices for crop years 1984 through 1988

Crop year 1/	True lemons: Bearing acres	True lemons: Prod	Meyer lemons: Bearing acres	Meyer lemons: Prod	All lemons: Bearing acres	All lemons: Prod	All lemons: Price per box	All lemons: Value of prod
	1,000 acres	1,000 boxes	1,000 acres	1,000 boxes	1,000 acres	1,000 boxes	Dols	1,000 dols
1984	1.6	485	.5	65	2.1	550	6.00	3,313
1985	1.3	275	.1	55	1.4	330	16.60	5,483
1986	1.3	560	.1	60	1.4	620	2.60	1,594
1987	1.2	470	.1	40	1.3	510	5.00	2,561
1988	1.1	433	.1	47	1.2	480	5.30	2,548

1/ Crop year corresponds to calendar year.

FLORIDA GRAPEFRUIT: Production by types, by areas of production, crop years 1979-80 through 1988-89 1/

Crop year	White seedless			Colored seedless			Seedy		
	State	Interior	Indian River	State	Interior	Indian River	State	Interior	Indian River
	1,000 boxes								
1979-80	31,100	18,700	12,400	15,800	8,100	7,700	7,900	7,700	200
1980-81	28,400	16,000	12,400	14,600	6,700	7,900	7,300	7,100	200
1981-82	27,300	13,400	13,900	14,800	5,900	8,900	6,000	5,800	200
1982-83	21,800	11,800	10,000	12,800	5,000	7,800	4,800	4,700	100
1983-84	23,000	10,200	12,800	13,400	4,300	9,100	4,500	4,400	100
1984-85	24,800	8,600	16,200	16,300	4,200	12,100	2,900	2,800	100
1985-86	25,600	10,700	14,900	18,000	5,500	12,500	3,150	2,950	200
1986-87	26,900	10,300	16,600	20,000	5,100	14,900	2,900	2,800	100
1987-88	29,200	11,700	17,500	21,900	6,200	15,700	2,750	2,650	100
1988-89	27,700	11,400	16,300	23,700	6,700	17,000	3,350	3,250	100

1/ 1988-89 preliminary.

FLORIDA GRAPEFRUIT: Season average on-tree prices per box, by utilization of sales and areas of production, by types, crop years 1983-84 through 1988-89 1/

Crop year and area	White seedless			Colored seedless		
	Fresh	Processing	All sales	Fresh	Processing	All sales
	Dollars					
1983-84						
Interior	2.54	1.65	1.85	4.44	1.62	3.29
Indian River	3.11	1.66	2.28	5.40	1.54	4.28
State average	2.95	1.65	2.08	5.25	1.57	4.05
1984-85						
Interior	3.78	2.75	3.00	6.40	2.09	5.48
Indian River	4.00	2.78	3.02	6.70	2.41	4.66
State average	3.94	2.77	3.02	6.55	2.37	4.84
1985-86						
Interior	3.90	3.32	3.44	5.40	2.85	5.02
Indian River	4.40	3.33	3.66	5.80	3.23	4.91
State average	4.20	3.33	3.56	5.70	3.17	4.98
1986-87						
Interior	5.20	4.37	4.53	6.40	3.74	6.13
Indian River	4.50	4.35	4.40	6.50	4.28	5.66
State average	4.70	4.36	4.45	6.50	4.23	5.80
1987-88						
Interior	5.60	4.81	4.94	6.50	4.01	5.94
Indian River	7.20	4.79	5.63	7.00	3.81	5.90
State average	6.82	4.80	5.35	6.86	3.86	5.93
1988-89						
Interior	4.60	3.46	3.64	5.60	1.04	4.62
Indian River	7.50	3.36	4.95	7.00	1.11	4.78
State average	6.91	3.41	4.42	6.57	1.10	4.76

1/ 1988-89 preliminary.

FLORIDA CITRUS PRODUCTS: Annual packs of citrus and all citrus feeds, crop years 1974-75 through 1988-89

Crop year	Oranges							All citrus	
	Concentrated juice 1/		Chilled juice		Canned juice		Canned sections	Feed	Molasses
	Product	Boxes used	Product	Boxes used	Product	Boxes used	Product		
	1,000 gallons	1,000 boxes	1,000 gallons	1,000 boxes	1,000 cases 2/	1,000 boxes	1,000 cases 2/	1,000 tons	
1974-75	178,174	135,512	123,189	22,777	10,737	6,516	18	814	58
1975-76	186,265	144,526	132,940	23,992	10,635	6,308	26	857	33
1976-77	158,035	147,772	124,550	27,243	10,767	7,429	10	1,027	30
1977-78	161,204	130,929	134,369	25,379	11,654	7,210	16	897	24
1978-79	172,985	129,123	124,953	22,793	13,222	6,511	15	886	20
1979-80	231,210	173,229	134,782	25,430	13,869	6,656	18	1,091	36
1980-81	174,537	144,322	95,700	19,640	13,012	5,994	19	988	35
1981-82	133,294	104,355	84,597	16,293	11,503	4,058	14	724	23
1982-83	169,577	114,343	104,256	18,084	9,802	2,190	35	710	26
1983-84	121,216	94,016	92,814	16,981	9,084	2,269	NA	640	36
1984-85	118,472	86,112	81,445	14,903	7,425	1,185	NA	580	35
1985-86	132,406	96,061	NA	NA	7,596	1,361	NA	610	37
1986-87	145,056	96,182	NA	NA	8,122	947	NA	601	28
1987-88	169,973	110,206	NA	NA	7,256	904	NA	697	30
1988-89	174,717	113,729	NA	NA	8,164	1,141	NA	770	24

Crop year	Concentrated juice				Canned products				
	Grapefruit		Tangerine	Blended	Grapefruit		Tanger-ine juice	Blended juice	Citrus salad
	Prod	Boxes used	Prod	Prod	Juice	Segments			
	1,000 gallons	1,000 boxes	1,000 gallons		1,000 cases 2/				
1974-75	7,847	7,779	1,147	4	15,951	2,236	12	1,493	206
1975-76	9,316	8,987	1,111	1	18,439	1,602	19	1,687	112
1976-77	1,258	3,013	926	18	18,809	1,722	35	1,308	84
1977-78	13,693	13,999	1,672	1	17,246	1,753	8	1,664	111
1978-79	14,243	13,274	1,367	3	16,764	1,823	19	1,255	76
1979-80	19,443	18,506	2,142	1	16,604	1,966	17	1,314	74
1980-81	20,763	19,490	1,175	3	14,231	1,671	9	984	79
1981-82	21,869	20,052	924	18	15,725	1,344	6	727	69
1982-83	14,483	13,977	334	1	11,651	1,235	4	650	94
1983-84	19,291	18,728	636	0	9,513	NA	0	555	NA
1984-85	24,802	22,996	285	0	10,552	NA	1	615	NA
1985-86	24,162	21,572	368	0	9,948	NA	0	577	NA
1986-87	28,875	24,143	373	0	8,982	NA	0	533	NA
1987-88	31,906	26,690	583	0	7,724	NA	0	449	NA
1988-89	32,466	26,621	495	0	7,956	NA	0	424	NA

1/ 45.0 degrees Brix through 1979-80; 43.4 degrees Brix, 1980-81; 42.0 degrees Brix, 1981-82 and later seasons. 2/ Equiv. cases, 24 No.2 cans.

SOURCE: See Page 45, Data Sources, Item 3.

FLORIDA CITRUS: Monthly and season average on-tree price per box for crop years 1984-85 through 1988-89 1/

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Season average
				Dollars			
Early (including Navels) and midseason oranges							
All methods of sale							
1984-85	--	9.21	7.70	7.16	6.79	--	7.30
1985-86	--	4.46	4.16	3.83	3.75	3.57	3.92
1986-87	--	5.01	4.42	4.45	4.83	--	4.56
1987-88	--	7.53	6.33	6.46	6.87	8.35	6.72
1988-89	--	6.46	6.12	6.54	6.97	7.29	6.55
Sales for fresh use							
1984-85	--	11.75	12.45	10.45	12.95	--	11.85
1985-86	--	6.40	7.40	4.50	4.50	6.50	6.40
1986-87	--	6.60	6.50	4.90	4.60	--	6.10
1987-88	--	8.15	7.55	6.85	7.65	8.35	7.65
1988-89	--	8.45	7.85	6.25	5.85	6.45	7.65
Sales for processing							
1984-85	--	6.67	6.80	7.05	6.75	--	6.90
1985-86	--	2.61	3.61	3.81	3.74	3.49	3.70
1986-87	--	3.65	4.15	4.43	4.84	--	4.43
1987-88	--	6.60	6.15	6.45	6.85	8.35	6.64
1988-89	--	5.29	5.93	6.55	6.99	7.29	6.47

Crop year	Feb	Mar	Apr	May	Jun	Jul	Season average
				Dollars			
Late (Valencia) oranges							
All methods of sale							
1984-85	6.95	6.57	6.79	7.03	7.36	--	6.88
1985-86	3.86	3.49	3.78	4.20	4.23	--	3.97
1986-87	--	5.64	5.83	6.05	6.54	--	6.02
1987-88	--	8.45	8.41	8.81	9.01	--	8.73
1988-89	--	6.56	7.66	8.98	9.54	--	8.31
Sales for fresh use							
1984-85	12.95	9.45	9.05	8.95	9.25	--	9.65
1985-86	4.20	3.50	3.30	3.20	6.70	--	3.90
1986-87	--	5.40	5.60	5.90	9.80	--	6.30
1987-88	--	8.65	7.85	7.95	10.75	--	8.45
1988-89	--	6.05	6.75	8.35	12.95	--	7.45
Sales for processing							
1984-85	6.75	6.42	6.68	6.94	7.21	--	6.75
1985-86	3.74	3.49	3.81	4.24	4.04	--	3.98
1986-87	--	5.73	5.84	6.06	6.32	--	6.00
1987-88	--	8.35	8.45	8.85	8.95	--	8.75
1988-89	--	6.65	7.70	9.00	9.45	--	8.35

1/ 1988-89 preliminary.

FLORIDA CITRUS: Monthly and season average on-tree price per box for crop years 1984-85 through 1988-89 1/

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Season average
					Dollars				
White seedless grapefruit									
All methods of sale									
1984-85	3.54	2.96	3.00	3.02	3.10	2.85	3.11	3.38	3.02
1985-86	3.74	2.73	3.28	3.46	3.52	3.63	4.18	--	3.56
1986-87	6.08	3.37	4.01	4.30	4.41	4.54	5.08	--	4.45
1987-88	7.62	5.33	5.10	5.23	5.40	5.14	5.40	5.66	5.35
1988-89	--	4.64	4.19	4.79	4.40	4.13	4.66	4.88	4.42
Sales for fresh use									
1984-85	4.20	3.50	3.46	3.74	4.85	3.70	3.90	4.43	3.94
1985-86	4.50	3.21	3.49	3.70	3.80	4.50	5.30	--	4.20
1986-87	7.40	3.70	3.90	3.90	4.00	4.60	5.60	--	4.70
1987-88	8.59	5.99	6.07	5.89	7.16	6.78	6.70	7.26	6.82
1988-89	--	5.95	6.63	6.90	6.99	6.98	7.28	7.54	6.91
Sales for processing									
1984-85	1.69	2.28	2.75	2.69	2.84	2.76	2.92	2.75	2.77
1985-86	2.15	2.48	3.21	3.37	3.46	3.44	3.57	--	3.33
1986-87	2.97	3.12	4.04	4.41	4.52	4.53	4.62	--	4.36
1987-88	4.05	4.20	4.55	4.90	4.90	4.85	4.75	4.35	4.80
1988-89	--	2.35	2.75	3.35	3.60	3.55	3.30	3.35	3.41

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Season average
					Dollars				
Colored seedless grapefruit									
All methods of sale									
1984-85	5.89	5.33	5.26	5.14	4.50	4.17	4.71	4.91	4.84
1985-86	5.68	4.63	4.42	4.54	4.67	5.18	5.54	5.64	4.98
1986-87	8.31	5.80	5.67	5.42	5.35	5.54	5.32	6.24	5.80
1987-88	10.50	6.91	6.37	6.02	5.71	5.40	5.00	4.87	5.93
1988-89	8.16	5.99	4.62	4.09	4.05	3.96	4.56	4.99	4.76
Sales for fresh use									
1984-85	6.90	6.23	6.11	6.37	7.91	6.50	6.56	7.20	6.55
1985-86	6.50	5.30	5.00	5.00	5.40	6.10	6.30	6.50	5.70
1986-87	9.80	6.50	6.30	5.90	5.80	6.10	5.70	7.00	6.50
1987-88	11.78	7.58	7.06	6.75	6.46	6.26	5.75	6.00	6.86
1988-89	10.67	7.68	6.29	5.86	5.57	5.68	6.26	6.86	6.57
Sales for processing									
1984-85	.95	1.58	2.08	2.38	2.59	2.52	2.43	2.25	2.37
1985-86	2.18	2.04	2.77	3.40	3.34	3.23	3.84	3.61	3.17
1986-87	1.63	3.34	3.96	4.45	4.58	4.59	4.52	4.41	4.23
1987-88	3.55	3.60	4.00	4.25	4.35	4.15	3.65	2.70	3.86
1988-89	1.15	1.05	0.90	0.25	1.25	1.25	1.25	1.45	1.10

1/ 1988-89 preliminary.

FLORIDA CITRUS: Monthly and season average on-tree price per box for crop years 1984-85 through 1988-89 1/

Crop year	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Season average
							Dollars						
Limes													
All methods of sale													
1984-85	35.74	7.40	0.48	-0.38	1.52	4.56	2.27	6.86	21.66	23.38	18.90	30.14	7.27
1985-86	26.85	8.90	1.04	-0.21	1.13	3.96	7.28	16.58	21.93	19.78	25.04	46.62	7.94
1986-87	53.05	31.36	11.57	-0.70	-0.74	6.53	5.64	13.76	16.61	13.82	16.21	25.17	8.57
1987-88	28.42	28.71	16.85	2.70	0.83	4.47	3.65	11.78	34.80	43.80	41.80	39.80	12.69
1988-89	29.80	6.80	-0.20	1.30	2.84	4.87	5.24	16.59	41.80	47.80	44.80	32.80	11.29
Sales for fresh use													
1984-85	45.20	13.20	1.70	1.20	3.20	9.20	3.20	9.20	27.20	28.20	23.20	39.20	12.20
1985-86	32.00	10.00	3.00	1.00	4.00	11.00	12.00	27.00	34.00	33.00	36.00	66.00	16.50
1986-87	81.90	45.90	14.90	-0.10	-1.10	8.30	7.90	17.90	20.90	17.90	20.90	32.90	15.40
1987-88	33.90	37.90	21.90	4.90	3.90	7.90	10.90	17.90	34.80	43.80	41.80	39.80	20.12
1988-89	29.80	6.80	-0.20	1.40	4.90	13.90	14.90	18.90	41.80	47.80	44.80	32.80	15.24
Sales for processing													
1984-85	-2.10	-1.55	-1.00	-0.50	-0.45	-0.78	-1.30	-1.82	-1.82	-1.82	-1.82	-1.82	-0.94
1985-86	-1.99	-0.78	-0.78	-0.78	-0.67	-0.82	-1.82	-1.82	-1.82	-1.82	-1.82	-1.82	-0.98
1986-87	-0.80	-1.60	-2.25	-1.05	-0.55	-0.90	-2.40	-2.25	-2.25	-2.25	-2.25	-2.15	-1.11
1987-88	-2.15	-2.15	-2.15	-2.15	-1.40	-1.05	-2.40	-3.00	--	--	--	--	-1.84
1988-89	--	--	--	-1.20	-1.20	-1.22	-1.23	-1.20	--	--	--	--	-1.22

1/ 1988-89 preliminary.

FLORIDA CITRUS: Monthly and season average on-tree price per box for crop years 1984-85 through 1988-89 1/

Crop year	Oct	Nov	Dec	Jan	Feb	Season average
			Dollars			
Tangelos						
All methods of sale						
1984-85	11.06	8.63	7.12	6.08	6.31	7.08
1985-86	5.97	4.61	4.10	3.71	3.04	4.06
1986-87	--	4.19	3.60	3.59	3.88	3.72
1987-88	--	6.82	5.47	5.42	4.92	5.58
1988-89	--	6.06	6.05	5.80	4.51	5.85
Sales for fresh use						
1984-85	14.90	11.20	8.90	10.90	14.40	10.40
1985-86	9.80	6.80	5.60	7.50	5.80	6.40
1986-87	--	6.10	5.10	6.10	6.60	5.70
1987-88	--	9.15	6.65	8.15	9.15	7.65
1988-89	--	8.15	7.15	11.05	10.55	8.15
Sales for processing						
1984-85	4.48	4.80	4.90	4.90	4.12	4.80
1985-86	1.98	1.93	2.23	2.13	2.13	2.12
1986-87	--	2.53	2.68	2.88	2.88	2.76
1987-88	--	3.50	4.50	4.80	4.45	4.55
1988-89	--	3.70	5.10	4.60	4.00	4.59

Crop year	Sep	Oct	Nov	Season average
		Dollars		
K-Early Citrus Fruit				
All methods of sale				
1984-85	13.81	11.54	5.45	11.94
1985-86	8.99	8.73	3.96	8.46
1986-87	--	7.03	3.77	6.72
1987-88	--	8.84	5.63	8.39
1988-89	--	5.71	5.25	5.61
Sales for fresh use				
1984-85	14.90	13.90	8.40	14.10
1985-86	10.80	11.10	7.00	10.90
1986-87	--	8.60	4.40	8.20
1987-88	--	10.75	8.15	10.45
1988-89	--	7.05	6.55	6.95
Sales for processing				
1984-85	1.50	2.50	2.50	2.37
1985-86	0.57	0.92	0.92	0.89
1986-87	--	1.07	1.52	1.12
1987-88	--	1.55	1.75	1.60
1988-89	--	0.60	1.00	0.73

Crop year	Jan	Feb	Mar	Apr	Season average
			Dollars		
Temples					
All methods of sale					
1984-85	6.25	5.13	5.29	--	5.59
1985-86	3.63	2.80	2.32	2.54	3.01
1986-87	4.69	3.37	3.20	3.53	3.60
1987-88	6.58	5.31	5.59	--	5.69
1988-89	5.87	4.04	4.04	4.31	4.44
Sales for fresh use					
1984-85	9.40	10.90	11.60	--	9.90
1985-86	6.00	5.80	5.80	5.80	5.90
1986-87	5.70	4.20	4.90	6.80	5.00
1987-88	7.45	6.15	8.45	--	7.05
1988-89	7.55	5.25	7.05	7.05	6.75
Sales for processing					
1984-85	4.52	4.52	4.72	--	4.56
1985-86	1.87	1.72	1.52	1.52	1.71
1986-87	2.86	3.06	2.91	2.96	2.97
1987-88	4.40	4.90	5.05	--	4.91
1988-89	3.00	3.70	3.85	4.30	3.74

1/ 1988-89 preliminary.

FLORIDA CITRUS: Monthly and season average on-tree price per box for crop years 1984-85 through 1988-89 1/

Crop year	Oct	Nov	Dec	Season average	Nov	Dec	Jan	Feb	Season average
		Dollars					Dollars		
Robinson tangerines					**Dancy tangerines**				
All methods of sale					All methods of sale				
1984-85	17.33	16.94	--	17.17	16.89	14.78	13.60	--	15.16
1985-86	17.80	14.98	--	16.57	14.33	11.27	6.94	--	10.94
1986-87	17.60	16.70	11.30	16.48	15.90	11.10	7.68	1.51	10.00
1987-88	19.90	18.78	15.36	19.05	17.78	11.54	7.56	2.92	10.22
1988-89	18.14	15.12	13.55	15.89	14.78	12.72	5.86	2.81	10.49
Sales for fresh use					Sales for fresh use				
1984-85	23.05	22.55	--	22.85	22.55	21.05	23.55	--	21.70
1985-86	24.60	20.70	--	22.90	20.70	17.10	14.70	--	17.55
1986-87	24.20	22.40	15.90	22.40	22.40	16.00	14.20	--	16.20
1987-88	24.75	23.75	21.75	24.05	24.55	16.25	12.75	11.75	15.95
1988-89	24.65	20.65	19.15	21.75	20.65	18.65	12.65	12.65	17.45
Sales for processing					Sales for processing				
1984-85	2.90	3.84	--	3.26	3.84	4.00	4.56	--	4.07
1985-86	0.90	0.60	--	.77	0.60	0.54	0.83	--	.64
1986-87	0.80	0.70	1.75	.86	0.31	1.36	1.51	1.51	1.37
1987-88	1.65	2.32	2.58	2.10	1.85	2.04	2.25	2.25	2.14
1988-89	0.95	1.65	1.85	1.47	2.05	2.15	1.35	1.35	1.78

Crop year	Jan	Feb	Mar	Apr	May	Season average
			Dollars			
Honey tangerines						
All methods of sale						
1984-85	10.83	8.20	14.55	--	--	10.68
1985-86	9.24	8.98	11.74	13.67	9.10	10.04
1986-87	9.59	9.20	8.96	13.40	--	9.57
1987-88	13.49	12.82	13.44	15.59	--	13.41
1988-89	12.58	11.93	11.52	14.68	--	12.31
Sales for fresh use						
1984-85	24.90	22.90	23.90	--	--	24.10
1985-86	18.10	15.30	15.90	17.00	17.10	16.50
1986-87	15.10	13.10	11.90	17.20	--	13.40
1987-88	17.75	15.75	16.25	19.75	--	16.65
1988-89	22.15	18.15	15.65	19.65	--	18.45
Sales for processing						
1984-85	4.15	4.55	4.55	--	--	4.39
1985-86	1.43	1.63	1.83	3.13	3.23	1.70
1986-87	3.04	3.24	3.29	3.54	--	3.24
1987-88	4.85	6.65	6.75	7.65	--	6.42
1988-89	4.65	4.95	6.35	7.15	--	5.47

1/ 1988-89 preliminary.

FLORIDA CITRUS: Production by counties, areas and types, 1988-89 season

County and area	Round oranges 1/			Grapefruit				Specialty fruit	All citrus 2/
	Early and mid	Late Valencia	All	Seedless White	Seedless Colored	Seedy	All		
	1,000 boxes								
Counties:									
Brevard	1,412	1,355	2,767	352	555	13	920	185	3,872
Broward	26	95	121	1	36	1	38	9	168
Charlotte	1,278	990	2,268	111	99	15	225	55	2,548
Collier	1,623	821	2,444	188	578	36	802	112	3,358
DeSoto	7,783	4,804	12,587	248	69	120	437	368	13,392
Glades	1,278	400	1,678	26	63	0	89	23	1,790
Hardee	10,647	3,930	14,577	164	97	53	314	359	15,250
Hendry	6,469	4,258	10,727	1,769	1,408	95	3,272	540	14,539
Highlands	5,073	7,995	13,068	1,408	336	466	2,210	1,207	16,485
Hillsborough	6,157	1,945	8,102	230	168	71	469	353	8,924
Indian River	3,810	3,255	7,065	7,852	7,083	28	14,963	617	22,645
Lake	1,800	1,115	2,915	84	230	27	341	729	3,985
Lee	897	731	1,628	124	77	12	213	45	1,886
Manatee	3,386	1,371	4,757	296	315	257	868	357	5,982
Martin	4,096	5,138	9,234	1,942	602	10	2,554	355	12,143
Okeechobee	1,025	427	1,452	285	104	2	391	51	1,894
Orange	2,241	1,621	3,862	85	102	23	210	523	4,595
Osceola	2,508	1,297	3,805	243	198	40	481	324	4,610
Palm Beach	1,837	1,095	2,932	959	728	12	1,699	521	5,152
Pasco	488	157	645	11	6	5	22	42	709
Pinellas	12	34	46	18	7	16	41	15	102
Polk	15,386	12,950	28,336	4,055	2,030	1,995	8,080	2,427	38,843
St. Lucie	5,246	5,143	10,389	7,102	8,734	47	15,883	1,427	27,699
Sarasota	271	162	433	106	33	3	142	41	616
Seminole	217	93	310	2	1	1	4	68	382
Volusia	143	91	234	38	25	2	65	10	309
Other 3/	191	27	218	1	16	0	17	7	242
State total	85,300	61,300	146,600	27,700	23,700	3,350	54,750	10,770	212,120
Area:									
Indian River District	11,305	11,273	22,578	16,300	17,000	100	33,400	2,364	58,342
Northern	4,975	3,020	7,995	183	355	56	594	1,369	9,958
Central	22,938	22,214	45,152	5,689	2,533	2,501	10,723	3,940	59,815
Western	28,256	12,246	40,502	1,062	689	520	2,271	1,493	44,266
Southern	17,826	12,547	30,373	4,466	3,123	173	7,762	1,604	39,739
State total	85,300	61,300	146,600	27,700	23,700	3,350	54,750	10,770	212,120

1/ Revised November 9, 1989.
2/ Excludes limes and lemons.
3/ Citrus, Hernando, Marion, Putnam, and Sumter counties.

FLORIDA CITRUS: Total acreage by counties and types of fruit as of January 1, 1988

County	Round oranges			Grapefruit				Specialty fruit 2/	All citrus
	Early and mid	Late Valencia	All 1/	Seedless		Seedy	All 1/		
				White	Colored				
				Acres					
Brevard	4,554	3,997	8,916	699	1,380	79	2,190	535	11,641
Broward	165	417	593	1	125	5	131	40	764
Charlotte	4,070	4,236	8,675	238	200	36	475	195	9,345
Citrus	126	3	182	0	2	0	2	7	191
Collier	7,315	7,624	15,164	339	1,154	83	1,576	569	17,309
Dade	0	0	0	0	0	0	0	6,308	6,308
DeSoto	20,861	17,129	41,000	391	235	412	1,151	992	43,143
Glades	3,894	1,900	6,001	41	107	0	148	86	6,235
Hardee	27,049	12,127	43,910	214	280	204	833	1,155	45,898
Hendry	22,797	21,881	45,363	2,970	2,727	229	5,959	3,631	54,953
Hernando	560	14	672	0	1	0	1	22	695
Highlands	14,187	25,647	41,902	1,875	485	1,039	3,564	3,103	48,569
Hillsborough	15,706	5,757	23,503	350	321	244	989	1,015	25,507
Indian River	14,578	14,305	29,645	17,098	15,620	149	33,522	1,995	65,162
Lake	8,854	4,366	22,553	231	687	79	1,254	2,421	26,228
Lee	3,084	3,379	7,076	264	188	51	520	651	8,247
Manatee	9,149	4,814	16,013	421	630	767	1,956	810	18,779
Marion	715	79	1,053	2	40	0	42	114	1,209
Martin	13,478	19,425	34,462	3,785	1,230	42	5,132	1,327	40,921
Okeechobee	4,724	2,218	7,016	634	209	5	854	254	8,124
Orange	6,879	5,237	15,402	169	212	77	497	1,457	17,356
Osceola	6,711	4,038	12,196	484	374	93	1,044	874	14,114
Palm Beach	5,529	4,036	9,693	1,620	1,375	23	3,018	2,176	14,887
Pasco	5,595	890	8,927	54	16	20	251	193	9,371
Pinellas	32	92	143	30	12	57	99	34	276
Polk	36,411	38,344	88,036	5,435	2,966	4,953	14,639	5,871	108,546
Putnam	14	0	46	0	0	0	0	0	46
St. Lucie	18,831	21,743	44,417	15,494	20,741	234	39,359	5,117	88,893
Sarasota	612	513	1,633	161	54	10	225	71	1,929
Seminole	829	281	1,252	4	3	1	8	180	1,440
Sumter	74	34	108	0	8	0	8	0	116
Volusia	718	342	1,185	80	61	11	159	35	1,379
State total	258,101	224,868	536,737	53,084	51,443	8,903	119,606	41,238	697,581

1/ Includes unidentified variety acreage. 2/ Includes limes and lemons. (Dade County limes surveyed as of November 1988.)

FLORIDA CITRUS: Total trees by counties and types of fruit as of January 1, 1988

County	Round oranges			Grapefruit				Specialty fruit 2/	All citrus
	Early and mid	Late Valencia	All 1/	Seedless		Seedy	All 1/		
				White	Colored				
	1,000 trees								
Brevard	450.4	439.2	926.5	56.2	99.5	6.2	165.0	41.0	1,132.5
Broward	12.5	30.1	43.4	0.1	8.0	0.3	8.4	2.8	54.6
Charlotte	389.8	437.4	866.9	19.8	15.8	3.3	38.9	20.7	926.5
Citrus	10.7	0.3	16.5	0.0	0.2	0.0	0.2	0.4	17.1
Collier	943.6	995.5	1,964.4	34.0	121.5	9.6	165.1	70.7	2,200.2
Dade	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,000.9	1,000.9
DeSoto	2,316.5	1,935.3	4,588.4	30.1	19.8	32.1	94.6	99.4	4,782.4
Glades	375.0	191.3	591.9	4.4	9.3	0.0	13.7	8.1	613.7
Hardee	2,527.4	1,035.6	4,076.5	19.1	22.1	13.5	69.1	123.8	4,269.4
Hendry	2,904.8	2,897.1	5,906.5	311.1	312.8	22.0	649.5	495.9	7,051.9
Hernando	63.0	1.5	74.2	0.0	0.3	0.0	0.3	2.6	77.1
Highlands	1,549.2	2,452.9	4,248.0	142.1	34.6	75.3	264.4	293.6	4,806.0
Hillsborough	1,338.2	491.2	2,037.2	27.1	26.9	17.2	77.5	118.5	2,233.2
Indian River	1,379.7	1,359.7	2,828.6	1,324.5	1,419.6	11.8	2,819.6	202.2	5,850.4
Lake	928.2	390.6	2,396.7	19.1	55.4	7.0	107.9	245.2	2,749.8
Lee	342.1	386.6	799.7	23.3	21.6	4.3	51.4	78.3	929.4
Manatee	849.9	434.2	1,526.9	34.9	56.7	66.2	172.3	74.2	1,773.4
Marion	73.2	8.9	109.8	0.2	4.6	0.0	4.8	14.4	129.0
Martin	1,502.0	2,087.5	3,796.2	340.8	110.4	3.7	460.1	139.6	4,395.9
Okeechobee	481.7	204.1	693.3	50.4	17.7	0.4	69.0	21.7	784.0
Orange	602.3	391.4	1,365.2	12.3	14.9	6.2	37.7	129.5	1,532.4
Osceola	583.8	335.2	1,073.6	38.8	33.9	6.3	85.7	79.1	1,238.4
Palm Beach	600.8	460.0	1,075.4	165.8	133.2	2.4	301.4	231.1	1,607.9
Pasco	633.1	100.3	1,049.6	4.1	1.1	1.3	21.4	20.2	1,091.2
Pinellas	2.6	7.6	12.1	2.3	1.0	4.4	7.7	3.3	23.1
Polk	3,207.8	2,981.3	7,569.5	361.2	210.6	313.5	986.3	577.6	9,133.4
Putnam	1.5	0.0	5.7	0.0	0.0	0.0	0.0	0.0	5.7
St. Lucie	1,906.8	2,086.3	4,518.1	1,223.2	1,803.8	17.2	3,372.8	514.6	8,405.5
Sarasota	57.8	47.3	162.9	15.3	4.6	0.8	20.7	7.4	191.0
Seminole	69.8	20.7	102.0	0.3	0.2	0.1	0.6	12.1	114.7
Sumter	7.1	4.0	11.1	0.0	0.7	0.0	0.7	0.0	11.8
Volusia	63.1	26.9	99.8	6.5	6.3	0.8	14.4	2.3	116.5
State total	26,174.4	22,240.0	54,536.6	4,267.0	4,567.1	625.9	10,081.2	4,631.2	69,249.0

1/ Includes unidentified variety acreage. 2/ Includes limes and lemons (Dade County limes surveyed as of November 1988.)

OTHER STATES' CITRUS: Acreage by states, types, and age groups

Arizona 1/

Type	Central	Western	Total
		Acres	
Valencia	2,200	4,200	6,400
Navel and sweets	3,970	230	4,200
White grapefruit	1,630	260	1,890
Red blush grapefruit	1,870	2,240	4,110
Lemons	1,500	14,000	15,500
Tangerine types	2,030	1,470	3,500
Total	13,200	22,400	35,600

California 2/

Year set	Navel and other oranges	Valencia oranges	White grapefruit	Red grapefruit	Lemons	Limes	Tangelos and Tangors	Tangerines	All citrus
					Acres				
Pre-1977	101,921	64,381	5,850	11,421	44,533	607	4,216	2,002	234,931
1977	574	242	57	417	781	185	24	145	2,325
1978	572	220	28	408	489	97	99	214	2,127
1979	540	432	10	386	606	58	73	191	2,296
1980	633	765	3	216	359	64	128	88	2,256
1981	591	310	6	234	844	40	30	151	2,206
1982	503	277	83	578	559	38	50	265	2,353
1983	608	887	14	154	131	9	5	111	1,919
1984	1,338	1,097	0	240	124	2	15	56	2,872
1985	1,502	1,242	13	68	30	1	37	157	3,050
1986	2,996	1,353	18	236	49	2	94	79	4,827
1987	1,589	472	38	297	330	0	78	188	2,992
1988	1,304	167	14	282	9	0	0	51	1,827
Total	114,671	71,845	6,134	14,937	48,844	1,003	4,849	3,898	265,981

Texas 3/

Age in years	Oranges			Grapefruit				Other 5/	All citrus
	Early and mids	Valencia	Total	Ruby Red	Redder varieties 4/	Other	Total		
					Acres				
1 TO 3	1,990	110	2,100	480	3,010	10	3,500	--	5,600
4 TO 7	2,560	540	3,100	1,200	2,240	130	3,570	--	6,670
8 TO 11	650	110	760	2,490	400	40	2,930	--	3,690
12+	4,460	3,580	8,040	9,060	910	430	10,400	--	18,440
Total	9,660	4,340	14,000	13,230	6,560	610	20,400	100	34,500

1/ 1987-88 harvested acres. 2/ Acreage as of 1988. 3/ Acreage as of January 1, 1989. 4/ Includes Star Ruby, Henderson/Ray and Rio Red. 5/ Includes lemons, limes, tangelos and tangerines.

SOURCES: See Page 45, Data Sources, Item 4.

ORANGES AND TANGERINES: Orange receipts at 19 U.S. cities and 5 Canadian cities; tangerine receipts at 18 U.S. cities, September 1, 1988 through July 31, 1989, by source

City	Florida		California		Arizona		Texas		Others 1/		Total	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail & boat	Truck	Rail & boat	Truck
	1,000 cartons											
Oranges												
U.S.cities:												
Atlanta	---	599	---	264	---	7	---	1	---	---	---	871
Baltimore-Washington	59	342	125	818	11	13	---	1	---	1	195	1,175
Boston	106	273	1,372	598	3	---	---	---	---	1	1,481	872
Buffalo	---	46	65	290	--	2	---	---	---	---	65	338
Chicago	---	695	3,944	1,671	5	3	---	32	---	---	3,949	2,401
Cincinnati	---	141	52	507	---	---	---	18	---	1	52	667
Columbia	---	260	---	28	---	---	---	---	---	---	---	288
Dallas	---	---	---	374	---	72	---	123	---	---	---	569
Denver	---	149	---	334	---	3	---	41	---	---	---	527
Detroit	---	177	39	514	---	---	---	---	---	1	39	692
Los Angeles	---	2	---	3,505	---	15	5	328	---	3	5	3,853
Miami	---	251	6	106	---	1	---	---	---	---	6	358
New Orleans	---	63	---	368	---	12	---	61	---	3	---	507
New York-Newark	741	241	2,119	693	6	---	---	---	---	---	2,866	934
Philadelphia	161	321	880	516	6	11	---	---	---	---	1,047	848
Pittsburgh	---	57	107	489	---	---	---	---	---	---	107	546
St. Louis	---	59	6	591	---	1	---	6	---	1	6	658
San Francisco-Oakland	---	38	---	2,175	---	2	---	454	---	28	---	2,697
Seattle-Tacoma	---	5	---	1,020	---	214	---	22	---	---	---	1,261
Total	1,067	3,719	8,715	14,861	31	356	5	1,087	---	39	9,818	20,062
Canadian cities:												
Montreal	---	255	91	387	864	1	---	---	---	204	955	847
Ottawa	---	---	---	---	---	---	---	---	---	---	---	---
Toronto	---	474	454	2,289	---	3	---	1	---	135	454	2,902
Vancouver	---	77	62	977	4	17	---	---	---	20	66	1,091
Winnipeg	---	10	---	364	---	1	---	18	---	27	---	420
Total	---	816	607	4,017	868	22	---	19	---	386	1,475	5,260
Tangerines												
U.S. cities:												
Atlanta	---	66	---	4	---	1	---	---	---	2	---	73
Baltimore-Washington	10	103	---	1	---	---	---	---	---	12	10	116
Boston	9	128	---	6	---	---	---	---	---	3	9	137
Buffalo	---	21	---	1	---	---	---	---	---	6	---	28
Chicago	---	117	37	23	2	---	---	1	---	35	39	176
Cincinnati	---	34	---	---	---	---	---	---	---	24	---	58
Columbia	---	18	---	---	---	---	---	---	---	---	---	18
Dallas	---	1	---	1	---	2	---	---	---	14	---	18
Denver	---	4	---	6	---	---	---	---	---	24	---	34
Detroit	---	54	---	---	---	---	---	---	---	7	---	61
Los Angeles	---	18	---	99	---	30	---	---	---	5	---	152
Miami	---	57	---	---	---	---	---	---	---	1	---	58
New Orleans	---	10	---	43	---	8	---	1	---	27	---	89
New York-Newark	134	84	---	21	---	---	---	---	---	3	134	108
Philadelphia	9	81	---	4	---	2	---	---	---	10	9	97
Pittsburgh	---	35	---	4	---	---	---	---	---	5	---	44
St. Louis	---	21	---	1	---	---	---	---	---	9	---	31
San Francisco-Oakland	---	36	---	333	---	1	---	---	---	34	---	404
Seattle-Tacoma	---	21	---	47	---	1	---	---	---	---	---	69
Total	162	909	37	594	2	45	---	2	---	221	201	1,771

1/ Principal source of receipts of oranges at U.S. cities were Central America, Israel, South Africa, Mexico, Australia. Principal source of receipts of tangerines at U.S. cities were Mexico and Spain.

Source: See Page 45, Data Sources, Item 5.

GRAPEFRUIT, TANGELOS AND TEMPLES: Grapefruit receipts at 19 U.S. cities and 5 Canadian cities; tangelo and Temple receipts at 16 U.S. cities, September 1, 1988 through July 31, 1989, by source

City	Florida		California		Arizona		Texas		Others 1/		Total	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail & boat	Truck	Rail & boat	Truck
Grapefruit						1,000 cartons						
U.S. cities:												
Atlanta	5	311	---	40	---	2	---	1	---	---	5	354
Baltimore-Washington	78	498	5	122	---	2	---	17	---	1	83	640
Boston	156	721	58	114	---	---	---	1	---	1	214	837
Buffalo	---	158	---	18	---	---	---	3	---	1	---	180
Chicago	---	567	187	157	14	10	---	191	---	---	201	925
Cincinnati	---	287	---	66	---	3	---	59	---	---	---	415
Columbia	---	56	---	3	---	---	---	---	---	---	---	59
Dallas	---	---	---	39	---	54	---	144	---	1	---	238
Denver	---	216	---	55	---	17	---	58	---	---	---	346
Detroit	---	439	---	69	---	---	---	13	---	2	---	523
Los Angeles	---	5	---	885	---	75	---	193	---	1	---	1,159
Miami	---	167	---	48	---	---	---	---	---	---	---	215
New Orleans	---	9	---	79	---	15	---	53	---	---	---	156
New York-Newark	955	427	135	105	---	---	---	---	---	---	1,090	532
Philadelphia	252	409	54	50	5	5	---	14	---	---	311	478
Pittsburgh	---	243	6	65	---	1	---	3	---	---	6	312
St. Louis	---	233	---	35	---	1	---	38	---	1	---	308
San Francisco-Oakland	---	9	---	662	---	4	---	326	---	10	---	1,011
Seattle-Tacoma	---	62	---	260	---	130	---	124	---	---	---	576
Total	1,446	4,817	445	2,872	19	319	---	1,238	---	18	1,910	9,264
Canadian cities:												
Montreal	---	861	---	40	12	2	---	---	---	---	12	903
Ottawa	---	---	---	---	---	---	---	---	---	---	---	---
Toronto	---	1,313	2	118	---	6	---	1	---	8	2	1,446
Vancouver	---	190	4	317	---	10	11	17	2	3	17	537
Winnipeg	---	105	---	26	---	1	---	36	---	2	---	170
Total	---	2,469	6	501	12	19	11	54	2	13	31	3,056

City	Tangelos - Truck					Temples - Truck		
	Florida	Arizona & California	Texas	Mexico	Total	Florida	Other	Total
				1,000 cartons				
U.S. cities:								
Atlanta	23	2	---	---	25	4	---	4
Baltimore-Washington	48	7	---	---	55	26	---	26
Boston	32	16	---	---	48	30	---	30
Buffalo	10	1	---	---	11	10	---	10
Chicago	36	11	---	---	47	19	---	19
Cincinnati	39	11	---	---	50	16	---	16
Columbia	5	---	---	---	5	---	---	---
Dallas	---	20	---	---	20	---	---	---
Denver	11	1	---	---	12	---	---	---
Detroit	30	4	---	---	34	28	---	28
Los Angeles	---	44	---	---	44	---	---	---
Miami	37	1	---	---	38	22	---	22
New Orleans	1	6	---	---	7	---	---	---
New York-Newark	18	2	---	---	20	23	---	23
Philadelphia	45	12	---	---	57	12	---	12
Pittsburgh	26	1	---	---	27	14	---	14
St. Louis	16	2	---	---	18	7	---	7
San Francisco-Oakland	1	56	---	---	57	---	---	---
Seattle-Tacoma	5	16	---	---	21	---	---	---
Total	383	213	---	---	596	211	---	211

1/ Principal source of receipts of grapefruit at U.S. cities were Central America, Israel, South Africa, Mexico, Australia.

Source: See Page 45, Data Sources, Item 5.

ORANGES: Total fresh shipments in U.S. and to Canada by states of origin and imports to U.S., monthly for crop years 1984-85 through 1988-89

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
						1,000 cartons							
Florida													
1984-85	3	929	2,247	3,569	1,340	700	993	1,058	1,123	385	36	7	12,390
1985-86	24	962	2,219	4,399	1,724	1,543	1,705	1,955	1,522	562	212	6	16,833
1986-87	19	803	2,321	4,474	1,770	1,455	1,468	1,734	1,756	646	153	2	16,601
1987-88	7	516	2,490	4,677	1,881	1,620	1,666	1,983	1,953	791	142	15	17,741
1988-89	2	748	2,504	4,455	1,380	1,298	1,411	1,439	1,281	492	98	40	15,148
Arizona													
1984-85	---	2	258	368	108	83	434	730	751	139	15	---	2,888
1985-86	---	1	245	378	130	25	447	633	650	130	22	---	2,661
1986-87	---	65	607	286	225	125	338	573	746	222	34	---	3,221
1987-88	---	14	355	403	198	31	171	583	395	45	1	---	2,196
1988-89	---	2	246	373	133	55	146	230	437	215	64	6	1,907
California 1/													
1984-85	2,987	1,894	4,958	7,148	6,342	7,421	9,676	7,301	4,641	3,265	2,535	2,782	60,950
1985-86	3,627	4,102	7,335	7,249	7,345	7,763	11,301	9,261	7,953	3,872	2,938	46	72,792
1986-87	3,111	4,514	7,005	6,825	8,252	7,108	8,116	8,312	8,880	3,698	2,386	2,751	70,958
1987-88	4,142	4,223	4,712	7,520	8,774	7,557	8,927	10,130	5,767	3,467	3,241	3,226	71,686
1988-89	3,830	3,948	4,011	8,655	7,164	8,195	8,899	10,582	6,315	3,892	4,022	2,599	72,112
Texas													
1984-85	---	---	---	---	---	---	---	---	---	---	---	---	---
1985-86	---	---	68	212	124	66	2	---	---	---	---	---	472
1986-87	---	79	169	349	416	222	181	51	---	---	---	---	1,467
1987-88	---	85	279	514	389	566	281	57	6	---	2	---	2,179
1988-89	---	237	288	640	550	419	492	118	---	---	---	---	2,744
Mexico 2/													
1984-85	---	---	---	---	---	---	---	---	---	---	---	---	---
1985-86	---	---	---	1	15	28	7	10	2	---	---	---	63
1986-87	---	12	59	92	132	112	84	113	16	3	---	---	623
1987-88	---	29	43	37	71	126	90	81	8	---	---	---	485
1988-89	---	41	11	4	12	9	15	11	---	---	---	---	103
Other countries 3/													
1984-85	11	67	71	178	229	264	136	45	39	50	---	---	1,090
1985-86	110	141	72	5	30	70	93	170	145	---	---	---	836
1986-87	2	5	7	43	116	213	58	50	53	3	---	---	550
1987-88	5	4	186	157	31	92	43	82	76	---	---	1	677
1988-89	1	10	35	36	33	12	31	56	62	41	---	---	317
Total													
1984-85	3,001	2,892	7,534	11,263	8,019	8,462	11,239	9,134	6,554	3,839	2,586	2,789	77,318
1985-86	3,761	5,206	9,939	12,244	9,368	9,495	13,555	12,029	10,272	4,564	3,172	52	93,657
1986-87	3,132	5,478	10,168	12,069	10,911	9,235	10,245	10,833	11,451	4,572	2,573	2,753	93,420
1987-88	4,154	4,871	8,065	13,308	11,344	9,992	11,178	12,916	8,205	4,303	3,386	3,242	94,964
1988-89	3,833	4,986	7,095	14,163	9,272	9,988	10,994	12,436	8,095	4,640	4,184	2,645	92,331

1/ Includes small quantity tangelos and tangerines. 2/ See page 35 for footnote. 3/ Central America, Dominican Republic, Israel, Italy, Morocco, South Africa, Spain, West Indies.

Source: See Page 45, Data Sources, Item 5.

GRAPEFRUIT: Total fresh shipments in U.S. and to Canada by states of origin and imports to U.S., monthly for crop years 1984-85 through 1988-89

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
						1,000 cartons							
Florida													
1984-85	135	2,668	3,092	3,835	3,979	2,442	3,506	3,077	1,185	72	6	4	24,001
1985-86	352	2,804	4,196	4,407	4,000	3,804	3,824	3,241	1,458	213	8	---	28,307
1986-87	172	2,674	3,105	4,228	3,679	3,381	3,290	2,725	1,490	353	9	1	25,107
1987-88	5	1,774	2,920	3,995	3,026	3,032	3,475	2,996	2,283	574	39	94	24,213
1988-89	47	1,709	2,815	3,694	2,671	3,007	3,318	2,841	1,948	635	31	2	22,718
Arizona													
1984-85	---	---	---	---	27	8	6	---	24	14	---	---	79
1985-86	---	---	---	---	---	---	17	6	48	29	---	---	100
1986-87	---	---	---	---	---	---	---	12	68	23	---	---	103
1987-88	---	---	---	---	3	---	---	8	20	61	2	---	94
1988-89	---	---	---	---	10	---	12	2	26	10	3	---	63
California													
1984-85	150	5	---	5	---	2	28	35	115	222	221	151	934
1985-86	88	4	1	---	---	7	22	45	69	229	300	11	776
1986-87	59	5	3	---	---	5	6	8	124	131	190	58	589
1987-88	96	10	---	---	---	2	3	8	8	80	196	110	513
1988-89	79	2	---	---	13	22	10	8	16	50	163	127	490
Texas													
1984-85	---	---	---	---	---	---	---	---	---	---	---	---	---
1985-86	---	---	61	211	55	5	---	---	---	---	---	---	332
1986-87	---	100	339	569	817	751	194	43	20	---	---	---	2,833
1987-88	---	113	579	898	1,036	1,066	874	397	88	4	---	---	5,055
1988-89	---	428	1,032	1,371	1,397	1,333	1,202	133	---	---	---	---	6,896
Mexico 1/													
1984-85	---	---	---	---	---	---	---	---	---	---	---	---	---
1985-86	1	---	---	2	1	1	1	---	---	---	---	---	6
1986-87	---	---	---	1	---	---	1	1	---	---	---	1	4
1987-88	6	---	---	1	---	---	---	---	---	---	---	---	7
1988-89	---	---	---	---	---	---	---	---	---	---	---	4	4
Other countries													
1984-85	---	46	15	33	---	---	1	---	1	---	---	---	96
1985-86	20	---	7	4	9	14	2	---	---	---	---	---	56
1986-87	2	3	---	1	49	33	9	---	---	---	---	---	97
1987-88	---	3	32	63	68	58	33	17	6	---	---	---	280
1988-89	---	4	126	24	24	18	7	2	3	4	---	---	212
Total													
1984-85	285	2,719	3,107	3,873	4,006	2,452	3,541	3,112	1,325	308	227	155	25,110
1985-86	461	2,808	4,265	4,624	4,065	3,831	3,866	3,292	1,575	471	308	11	29,577
1986-87	233	2,782	3,447	4,799	4,545	4,170	3,500	2,789	1,702	507	199	60	28,733
1987-88	107	1,900	3,531	4,957	4,133	4,158	4,385	3,426	2,405	719	237	204	30,162
1988-89	126	2,143	3,973	5,089	4,115	4,380	4,549	2,986	1,993	699	197	133	30,383

1/ See page 35 for footnote.

Source: See Page 45, Data Sources, Item 5.

TANGERINES, TANGELOS, TEMPLES AND K-EARLY: Total fresh shipments in U.S. and to Canada by states of origin and imports to U.S., monthly for crop years 1984-85 through 1988-89

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
							1,000 cartons						
Tangerines													
Florida													
1984-85	1	365	447	475	278	101	148	17	2	8	3	---	1,845
1985-86	6	257	455	594	387	258	266	75	19	1	---	---	2,318
1986-87	2	190	421	671	475	492	410	107	15	3	1	---	2,787
1987-88	---	180	383	729	531	559	504	208	9	---	---	---	3,103
1988-89	---	158	497	811	497	486	432	156	19	3	---	---	3,059
Arizona													
1984-85	---	---	---	1	14	11	2	---	---	---	---	---	28
1985-86	---	---	---	---	10	30	21	3	---	---	---	---	64
1986-87	---	---	---	3	12	14	5	---	---	---	---	---	34
1987-88	---	---	---	---	2	34	20	---	---	---	---	---	56
1988-89	---	---	---	2	7	10	7	---	---	---	---	---	26
Texas													
1984-85	---	---	---	---	---	---	---	---	---	---	---	---	---
1985-86	---	---	---	1	---	---	---	---	---	---	---	---	1
1986-87	---	---	---	---	---	---	---	---	---	---	---	---	---
1987-88	---	---	---	---	---	---	---	---	---	---	---	---	---
1988-89	---	---	---	---	---	---	---	---	---	---	---	---	---
Mexico 1/													
1984-85	---	---	---	---	---	---	---	---	---	---	---	---	---
1985-86	---	---	30	40	19	2	---	---	---	---	---	---	91
1986-87	---	64	126	197	20	12	3	---	---	---	---	---	422
1987-88	---	74	266	274	89	9	---	---	---	---	---	---	712
1988-89	---	121	224	277	62	8	---	---	---	---	---	---	692
Tangelos: Florida													
1984-85	---	176	780	1,264	511	64	22	1	---	---	---	---	2,818
1985-86	---	88	645	1,281	448	75	16	8	2	---	---	---	2,563
1986-87	---	47	549	1,195	523	112	17	5	9	1	1	---	2,459
1987-88	---	46	537	1,283	495	80	2	---	---	---	---	---	2,443
1988-89	---	15	594	1,270	425	32	1	1	---	---	---	---	2,338
Temples: Florida													
1984-85	---	---	---	47	799	215	72	12	---	---	---	---	1,145
1985-86	---	---	---	34	919	493	218	51	6	---	1	---	1,722
1986-87	---	---	---	2	888	758	238	15	12	3	1	1	1,918
1987-88	---	---	---	55	959	982	290	9	---	---	---	---	2,295
1988-89	---	---	---	55	793	498	146	5	---	---	---	---	1,497
K-Early: Florida													
1984-85	63	121	5	---	25	---	---	---	---	---	---	---	214
1985-86	---	196	17	---	---	---	---	---	---	---	---	---	213
1986-87	10	301	25	1	---	---	---	---	---	---	---	---	337
1987-88	4	317	37	---	---	---	---	---	---	---	---	---	358
1988-89	---	370	139	93	---	---	---	---	---	---	---	---	602

1/ See page 35 for footnote.

Source: See Page 45, Data Sources, Item 5.

MIXED RAIL CITRUS: Total fresh shipments in U.S. and to Canada by states of origin monthly for crop years 1984-85 through 1988-89

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
						1,000 cartons							
Florida													
1984-85	63	121	5	---	25	---	---	---	---	---	---	---	214
1985-86	---	---	---	---	---	---	---	---	79	11	2	---	92
1986-87	---	---	---	---	---	---	---	---	---	12	2	---	14
1987-88	---	12	2	---	---	---	---	---	---	---	---	---	14
1988-89	---	---	---	---	---	---	---	---	---	---	---	7	7
Arizona													
1984-85	---	---	2	4	---	2	2	---	---	---	---	---	10
1985-86	---	---	2	2	6	1	---	3	12	2	---	---	28
1986-87	---	6	18	4	22	2	3	2	16	5	2	---	80
1987-88	---	---	11	4	11	---	3	6	4	2	---	---	41
1988-89	---	---	7	7	2	---	2	2	---	2	2	---	24
California													
1984-85	28	14	14	21	37	121	154	63	49	75	58	44	678
1985-86	21	6	9	12	66	79	79	45	71	73	81	5	547
1986-87	---	---	20	15	52	83	118	98	85	76	51	5	603
1987-88	28	10	4	8	34	65	41	13	29	66	63	59	420
1988-89	30	8	3	8	18	29	62	30	24	28	61	26	327
Texas													
1984-85	---	---	---	---	---	---	---	---	---	---	---	---	---
1985-86	---	---	---	---	---	---	---	---	---	---	---	---	---
1986-87	---	---	---	---	---	---	---	---	---	---	---	---	---
1987-88	---	---	---	---	3	---	---	---	---	---	---	---	3
1988-89	---	---	---	---	---	---	---	---	---	---	---	---	---
Total													
1984-85	91	135	21	25	62	123	156	63	49	75	58	44	902
1985-86	21	6	11	14	72	80	79	48	162	86	83	5	667
1986-87	---	6	38	19	74	85	121	100	101	93	55	5	697
1987-88	28	22	17	12	48	65	44	19	33	68	63	59	478
1988-89	30	8	10	15	20	29	64	32	24	30	63	33	358

Source: See Page 45, Data Sources, Item 5.

Footnote 2/ for page 32, 1/ for pages 33 and 34. Final Mexican shipments to the U. S. are reported by FAS as a combined total for oranges and tangerines. The totals shown on pages 32 through 34 have been broken down proportionally into oranges and tangerines from Plant Quarantine data reported at the time of the crossing. Plant Quarantine releases give separate totals for these two types of citrus. Mexican shipments through the U.S. to Canada are not included.

ORANGES, TANGELOS AND TEMPLES: Total fresh shipments exported by states of origin, monthly for crop years 1984-85 through 1988-89

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
							1,000 cartons						
Oranges													
Florida													
1984-85	---	1	2	---	---	---	---	---	5	---	---	---	8
1985-86	---	---	---	---	---	4	58	105	30	---	---	---	197
1986-87	---	---	---	2	---	---	18	224	278	---	---	---	522
1987-88	---	---	8	10	---	---	20	38	57	7	---	---	140
1988-89	---	---	9	5	---	2	41	70	28	---	---	---	155
Arizona													
1984-85	---	---	1	---	---	96	305	307	15	3	---	---	727
1985-86	---	---	---	16	---	3	403	255	98	24	---	---	799
1986-87	---	7	25	13	19	79	384	383	104	1	---	---	1,015
1987-88	---	---	23	13	3	6	406	422	81	6	---	---	960
1988-89	---	---	18	15	6	---	321	236	78	13	---	---	687
California													
1984-85	861	557	911	1,131	1,434	1,464	1,462	1,574	2,771	2,564	1,498	1,553	17,780
1985-86	1,230	1,125	1,164	832	1,418	1,104	1,402	1,735	2,704	2,153	1,671	5	16,543
1986-87	680	691	1,194	855	1,289	1,499	1,213	1,409	3,331	1,960	1,798	1,060	16,979
1987-88	969	587	595	738	1,550	896	1,022	1,808	2,838	1,999	1,344	1,215	15,561
1988-89	1,068	906	637	1,115	1,582	1,192	1,542	2,113	2,409	2,053	2,051	1,411	18,079
Total 1/													
1984-85	861	558	914	1,131	1,434	1,560	1,767	1,881	2,791	2,567	1,498	1,553	18,515
1985-86	1,230	1,125	1,164	848	1,418	1,111	1,863	2,095	2,832	2,177	1,671	5	17,539
1986-87	680	698	1,219	870	1,308	1,578	1,615	2,016	3,713	1,961	1,798	1,060	18,516
1987-88	969	587	626	761	1,553	902	1,448	2,268	2,976	2,012	1,344	1,215	16,661
1988-89	1,068	906	664	1,135	1,588	1,194	1,904	2,419	2,515	2,066	2,051	1,411	18,921
Tangelos: Florida													
1984-85	---	---	---	---	---	---	---	---	---	---	---	---	---
1985-86	---	---	---	---	---	---	---	---	---	---	---	---	---
1986-87	---	---	---	---	---	---	---	---	---	---	---	---	---
1987-88	---	---	---	---	1	---	---	---	---	---	---	---	1
1988-89	---	---	---	1	1	---	---	---	---	---	---	---	2
Temples: Florida													
1984-85	---	---	---	---	---	---	---	---	---	---	---	---	---
1985-86	---	---	---	---	---	---	---	---	---	---	---	---	---
1986-87	---	---	---	---	---	---	---	---	---	---	---	---	---
1987-88	---	---	---	---	2	38	12	---	---	---	---	---	52
1988-89	---	---	---	---	---	---	---	---	---	---	---	---	---

1/ Includes small quantity from Texas.

Source: See Page 45, Data Sources, Item 5.

GRAPEFRUIT AND TANGERINES: Total fresh shipments exported by states of origin, monthly for crop years 1984-85 through 1988-89

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
							1,000 cartons						
Grapefruit													
Florida													
1984-85	5	789	727	797	1,049	651	873	517	88	---	---	---	5,496
1985-86	63	1,675	780	762	1,900	1,551	2,369	1,770	199	---	---	---	11,069
1986-87	8	1,520	1,497	923	2,073	3,117	3,085	2,588	508	33	---	---	15,352
1987-88	---	1,180	1,560	1,478	2,924	3,479	4,052	3,943	1,582	7	---	---	20,205
1988-89	14	994	1,868	1,544	3,198	4,134	4,728	4,442	2,197	123	---	1	23,243
Arizona													
1984-85	---	---	---	---	3	---	3	---	13	8	---	---	27
1985-86	---	---	5	---	5	---	---	---	8	---	2	---	20
1986-87	---	---	---	---	3	---	5	---	5	---	---	---	13
1987-88	---	---	---	---	---	---	---	---	3	5	---	---	8
1988-89	---	---	---	---	---	---	---	---	3	3	---	---	6
California													
1984-85	34	---	---	---	---	---	5	3	18	18	19	18	115
1985-86	3	---	3	---	---	3	---	---	8	30	40	---	87
1986-87	---	---	---	---	3	---	---	---	---	3	---	---	6
1987-88	3	---	---	---	---	---	---	---	3	---	8	---	14
1988-89	---	---	---	---	---	---	---	---	---	---	5	---	5
Texas													
1984-85	---	---	---	---	---	---	---	---	---	---	---	---	---
1985-86	---	---	---	1	---	---	---	---	---	---	---	---	1
1986-87	---	---	2	---	---	---	---	---	---	---	---	---	2
1987-88	---	9	84	6	26	53	7	---	---	---	---	---	185
1988-89	---	26	67	65	48	79	11	1	---	---	---	---	297
Total													
1984-85	39	789	727	797	1,052	651	881	520	119	26	19	18	5,638
1985-86	66	1,675	788	763	1,905	1,554	2,369	1,770	215	30	42	---	11,177
1986-87	8	1,520	1,499	923	2,079	3,117	3,090	2,588	513	36	---	---	15,373
1987-88	3	1,189	1,644	1,484	2,950	3,532	4,059	3,943	1,588	12	8	---	20,412
1988-89	14	1,020	1,935	1,609	3,246	4,213	4,739	4,443	2,200	126	5	1	23,551
Tangerines: Florida													
1984-85	---	---	---	---	---	---	---	---	---	---	---	---	---
1985-86	---	---	---	---	---	2	2	---	---	---	---	---	4
1986-87	---	---	---	---	---	---	---	---	---	---	---	---	---
1987-88	---	---	---	---	---	2	9	1	---	---	---	---	12
1988-89	---	---	2	---	3	7	13	6	1	---	---	---	32

Source: See Page 45, Data Sources, Item 5.

CITRUS: U.S. fresh exports, by months, 1988-89

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
							1,000 cartons						
Oranges 1/													
Japan	91	156	259	304	270	718	537	1,206	1,225	687	408	125	5,986
Hong Kong	284	286	208	480	464	501	534	587	372	441	472	385	5,014
Canada	224	390	446	383	486	647	555	436	328	195	226	214	4,530
Singapore	30	30	38	84	68	110	99	96	92	85	78	44	854
Malaysia	2	2	30	84	49	70	73	67	45	31	31	9	493
Australia	—	38	85	80	72	24	3	—	—	—	—	—	302
New Zealand	—	1	22	19	53	45	101	16	—	—	—	—	257
Taiwan	—	—	—	—	—	3	31	33	27	31	45	10	180
Netherlands	—	—	1	3	25	21	9	25	13	2	3	1	103
Philippines	2	—	2	5	13	9	12	4	6	17	14	4	88
Mexico	2	2	2	1	1	1	1	5	9	6	16	7	53
Others	10	6	4	11	48	20	12	16	20	9	12	7	175
Total	645	911	1,097	1,454	1,549	2,169	1,967	2,491	2,137	1,504	1,305	806	18,035
Grapefruit													
Japan	173	743	607	1,529	2,047	2,097	3,415	1,873	625	648	405	128	14,290
France	272	362	172	422	584	533	502	380	65	27	22	137	3,478
Netherlands	290	344	201	301	215	216	215	193	68	65	126	79	2,313
Taiwan	2	13	19	53	344	248	413	557	69	15	10	2	1,745
Canada	128	197	191	112	144	152	144	142	111	64	43	84	1,512
United Kingdom	51	84	38	58	106	123	109	107	34	10	28	21	769
Belgium-Luxembourg	26	79	147	47	225	98	67	45	3	2	2	17	758
South Korea	2	24	40	42	38	76	200	132	85	5	1	1	646
West Germany	30	40	36	71	71	61	23	9	4	—	1	1	347
Italy	28	79	40	32	19	5	15	—	—	—	—	3	221
Sweden	10	6	14	17	5	18	7	14	15	1	2	3	112
Switzerland	5	5	22	3	25	4	10	15	7	—	—	5	101
Hong Kong	11	13	9	13	9	4	5	6	3	8	3	3	87
Others	8	18	16	18	28	12	14	7	3	3	3	5	135
Total	1,036	2,007	1,552	2,718	3,860	3,647	5,139	3,480	1,092	848	646	489	26,514
Tangerines													
Canada	27	137	69	31	33	34	22	10	2	25	16	43	449
Netherlands	—	—	—	1	10	34	—	—	—	—	—	—	45
France	—	—	—	1	4	12	—	—	—	—	—	—	17
Belgium-Luxembourg	—	—	—	2	5	6	1	—	—	—	—	—	14
United Kingdom	—	—	—	—	6	2	—	—	—	—	—	—	8
Sweden	—	—	—	—	4	3	—	—	—	—	—	—	7
Australia	—	—	—	2	4	—	—	—	—	—	—	—	6
Others	—	4	1	—	3	1	2	1	—	—	—	—	12
Total	27	141	70	37	69	92	25	11	2	25	16	43	558

1/ Does not include Temples. Source: See Page 45, Data Sources, Item 6.

FLORIDA CITRUS: Certified citrus exports, crop years 1981-82 through 1988-89 1/

Crop year	Oranges			Grapefruit			Specialty fruit			Grand total
	Commercial	Government	Total	Commercial	Government	Total	Commercial	Government	Total	
					1,000 cartons					
1981-82	167	11	178	9,922	12	9,934	32	—	32	10,144
1982-83	286	15	301	9,515	8	9,523	69	—	69	9,893
1983-84	26	16	42	9,938	14	9,952	44	—	44	10,038
1984-85	8	2	10	5,658	6	5,664	—	—	—	5,674
1985-86	202	—	202	11,078	—	11,078	4	—	4	11,284
1986-87	382	—	382	15,479	3	15,482	—	—	—	15,864
1987-88	139	—	139	20,663	13	20,676	76	—	76	20,891
1988-89	154	—	154	23,566	1	23,567	31	—	31	23,752

1/ Shipments certified in Florida for export to foreign countries other than Canada and Mexico.
Source: See Page 45, Data Sources, Item 7.

FLORIDA CITRUS: Certified citrus exports by weeks, crop year 1988-89 1/

Week ended	Oranges			Grapefruit			Specialty fruit		
	Commercial	Government	Total	Commercial	Government	Total	Commercial	Government	Total
				1,000 cartons					
Sep 4	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---
Oct 2	---	---	---	16	---	16	---	---	---
9	---	---	---	55	---	55	---	---	---
16	---	---	---	183	---	183	---	---	---
23	---	---	---	257	---	257	---	---	---
30	---	---	---	427	---	427	---	---	---
Nov 6	1	---	1	503	---	503	---	---	---
13	1	---	1	654	---	654	1	---	1
20	1	---	1	532	---	532	---	---	---
27	2	---	2	235	---	235	1	---	1
Dec 4	1	---	1	182	---	182	---	---	---
11	1	---	1	171	---	171	---	---	---
18	1	---	1	410	---	410	1	---	1
25	---	---	---	441	---	441	---	---	---
Jan 1	---	---	---	434	---	434	---	---	---
8	1	---	1	543	1	544	---	---	---
15	---	---	---	748	---	748	2	---	2
22	---	---	---	813	---	813	---	---	---
29	---	---	---	816	---	816	1	---	1
Feb 5	---	---	---	924	---	924	2	---	2
12	---	---	---	1,235	---	1,235	---	---	---
19	---	---	---	1,144	---	1,144	2	---	2
26	1	---	1	849	---	849	2	---	2
Mar 5	2	---	2	989	---	989	3	---	3
12	5	---	5	792	---	792	3	---	3
19	9	---	9	977	---	977	2	---	2
26	10	---	10	1,176	---	1,176	2	---	2
Apr 2	18	---	18	1,231	---	1,231	2	---	2
9	19	---	19	1,123	---	1,123	2	---	2
16	24	---	24	1,194	---	1,194	3	---	3
23	16	---	16	1,055	---	1,055	1	---	1
30	13	---	13	1,063	---	1,063	---	---	---
May 7	11	---	11	742	---	742	1	---	1
14	9	---	9	774	---	774	---	---	---
21	7	---	7	443	---	443	---	---	---
28	1	---	1	241	---	241	---	---	---
Jun 4	---	---	---	160	---	160	---	---	---
11	---	---	---	34	---	34	---	---	---
18	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---
Jul total	---	---	---	---	---	---	---	---	---
Aug total	---	---	---	---	---	---	---	---	---
Total	154	---	154	23,566	1	23,567	31	---	31

1/ Shipments certified in Florida for export to foreign countries other than Canada and Mexico.

Source: See Page 45, Data Sources, Item 7.

CITRUS: Per capita consumption, fresh weight equivalent, United States, 1973 through 1988

Year	Citrus fruit consumed in fresh form							All citrus processed	Total citrus
	Oranges 1/	Grapefruit	Tangerines	Tangelos	Lemons	Limes	Total fresh		
	Pounds								
1973	14.5	8.5	1.7	.6	1.9	.2	27.4	75.1	102.5
1974	14.4	8.2	1.9	.7	2.0	.2	27.4	79.0	106.4
1975	15.9	8.3	2.0	1.0	2.0	.2	29.4	89.3	118.7
1976	14.7	9.2	2.0	.9	1.9	.3	29.0	88.1	117.1
1977	13.5	7.7	1.8	.9	2.1	.3	26.3	88.8	115.1
1978	13.5	8.3	1.6	.8	2.1	.3	26.6	80.9	107.5
1979	12.6	7.6	1.6	.7	2.0	.2	24.7	83.6	108.3
1980	15.8	8.0	2.0	.7	2.0	.4	28.9	83.6	112.5
1981	13.6	6.9	1.3	.8	2.0	.4	25.0	79.4	104.4
1982	12.7	7.5	1.3	.7	2.1	.4	24.7	84.6	109.3
1983	16.1	8.1	1.4	.7	2.4	.6	29.3	90.7	120.0
1984	12.8	6.3	1.4	.6	2.3	.6	24.0	78.8	102.8
1985	12.4	5.7	1.7	.5	2.4	.7	23.4	85.7	109.1
1986	15.3	6.5	1.1	.5	2.6	.7	26.7	90.6	117.3
1987	14.8	6.6	1.2	.5	2.6	.7	26.4	86.4	112.8
1988	15.0	6.7	1.2	.5	2.5	.6	26.5	87.1	113.6

1/ Includes Temples.

Source: See Page 45, Data Sources, Item 10.

CITRUS: Florida fresh exports, 1987-88 and 1988-89 crop years

Country	Grapefruit		Oranges 1/		Tangerines		Total	
	1987-88	1988-89	1987-88	1988-89	1987-88	1988-89	1987-88	1988-89
	1,000 cartons							
Japan	10,942	12,041	26	60	---	1	10,968	12,102
France	3,287	3,375	1	1	1	---	3,289	3,376
Taiwan	1,061	2,013	32	29	1	---	1,094	2,042
Holland	1,424	1,883	67	43	1	---	1,492	1,926
Belgium	1,508	1,440	3	---	---	---	1,511	1,440
West Germany	996	865	3	---	1	---	1,000	865
England	664	718	38	2	---	---	702	720
South Korea	158	609	---	---	---	---	158	609
Italy	366	317	---	---	---	---	366	317
Sweden	103	98	3	---	---	---	106	98
Switzerland	63	93	---	---	---	---	63	93
Puerto Rico	4	5	19	14	9	29	32	48
Hong Kong	55	48	2	---	---	---	57	48
United Kingdom	6	31	---	---	---	---	6	31
Singapore	13	17	3	3	---	---	16	20
North Ireland	3	8	---	---	---	---	3	8
Virgin Islands	1	1	4	2	1	1	6	4
Finland	7	3	---	---	---	---	7	3
Great Britain	---	2	---	---	---	---	---	2
Bulgaria	4	---	---	---	---	---	4	---
Ivory Coast	2	---	---	---	---	---	2	---
Indonesia	2	---	---	---	---	---	2	---
Iceland	2	---	---	---	---	---	2	---
French Guiana	1	---	---	---	---	---	1	---
Ireland	1	---	---	---	---	---	1	---
Tanzania	1	---	---	---	---	---	1	---
Ecuador	1	---	---	---	---	---	1	---
Bahama Islands	1	---	---	---	---	---	1	---
Total	20,676	23,567	201	154	14	31	20,891	23,752

1/Includes Temples in 1987-88.

Source: See Page 45, Data Sources, Item 7.

FLORIDA CITRUS: Boxes of fruit processed by weeks, crop years 1987-88 and 1988-89

Week ended	Oranges		Grapefruit		Temples	
	1987-88	1988-89	1987-88	1988-89	1987-88	1988-89
			1,000 boxes			
Sep 4	---	---	---	---	---	---
11	---	---	---	---	---	---
18	---	---	---	---	---	---
25	---	---	---	---	---	---
Oct 2	1	---	2	5	---	---
9	3	3	7	36	---	---
16	5	18	42	130	---	---
23	19	51	122	137	---	---
30	78	88	204	233	---	---
Nov 6	106	146	204	259	---	---
13	165	255	232	294	---	---
20	310	668	269	309	---	---
27	240	597	182	212	---	---
Dec 4	1,436	2,814	376	406	---	---
11	2,932	4,623	435	541	---	---
18	5,159	5,523	623	644	---	---
25	2,853	4,496	293	537	---	3
Jan 1	5,820	6,145	570	530	10	11
8	6,002	6,726	735	534	27	37
15	6,612	7,546	787	690	50	64
22	6,559	7,254	811	704	57	65
29	6,732	7,218	888	711	83	69
Feb 5	6,163	7,261	1,457	869	121	114
12	5,753	6,173	1,382	1,257	185	255
19	5,814	5,227	1,467	1,652	320	266
26	4,524	3,611	1,878	2,066	420	320
Mar 5	3,227	2,326	2,307	2,551	421	369
12	1,499	1,310	2,901	2,274	326	480
19	913	1,866	3,006	2,790	130	357
26	1,031	1,948	2,667	2,144	62	172
Apr 2	1,214	2,444	1,653	2,004	17	121
9	2,180	3,348	1,225	1,468	12	92
16	4,085	4,612	955	1,103	2	59
23	5,161	5,366	844	800	2	18
30	5,496	5,632	606	681	5	4
May 7	6,029	5,741	492	527	2	1
14	5,816	5,489	391	462	1	---
21	5,794	5,103	279	377	---	2
28	4,516	4,742	200	284	---	---
Jun 4	4,402	3,990	83	202	1	1
11	3,487	3,430	51	185	---	---
18	3,217	2,441	27	92	1	1
25	1,856	1,223	14	63	---	---
Jul 2	847	496	18	40	---	---
9	180	73	3	3	1	---
16	77	12	3	5	---	---
31	75	31	6	5	1	1
Aug total	92	78	43	45	1	---
Total	128,480	138,144	30,740	30,861	2,258	2,882

Source: See Page 45, Data Sources, Item 7.

(Continued)

FLORIDA CITRUS: Boxes of fruit processed by weeks, crop years 1987-88 and 1988-89 (Continued)

Week ended		Tangelos		Tangerines 1/		Honey Tangerines		K-Early	
		1987-88	1988-89	1987-88	1988-89	1987-88	1988-89	1987-88	1988-89
					1,000 boxes				
Sep	4	---	---	---	---	---	---	---	---
	11	---	---	---	---	---	---	---	---
	18	---	---	---	---	---	---	---	---
	25	---	---	---	---	---	---	---	---
Oct	2	---	---	---	---	---	---	---	---
	9	---	---	---	---	---	---	8	1
	16	1	3	1	---	---	---	11	12
	23	7	2	9	7	---	---	16	18
	30	14	6	19	24	---	---	8	15
Nov	6	16	17	13	28	---	---	4	8
	13	38	46	15	27	---	---	2	10
	20	86	126	21	23	---	---	4	4
	27	59	60	15	9	---	---	1	---
Dec	4	127	139	33	39	---	---	1	---
	11	192	214	53	65	---	4	---	---
	18	228	212	60	65	---	6	---	1
	25	131	140	15	37	---	---	---	---
Jan	1	265	187	36	35	---	7	1	---
	8	327	266	46	44	2	32	---	---
	15	351	274	36	46	5	46	---	---
	22	338	267	33	43	29	40	---	---
	29	235	209	18	29	36	50	---	---
Feb	5	179	143	15	16	31	61	---	---
	12	111	62	13	6	30	66	---	---
	19	56	38	8	1	37	65	---	---
	26	27	21	12	1	40	45	---	---
Mar	5	6	10	---	1	31	72	---	---
	12	7	4	1	2	34	45	---	---
	19	1	4	---	1	25	42	---	---
	26	2	1	---	1	21	39	---	---
Apr	2	---	1	---	1	11	21	---	---
	9	1	---	---	1	9	20	---	---
	16	---	---	---	---	8	22	---	---
	23	---	---	---	---	3	10	---	---
	30	---	---	---	---	2	7	---	---
May	7	---	---	---	---	5	4	---	---
	14	---	---	---	---	4	2	---	---
	21	---	---	---	---	---	---	---	---
	28	---	---	---	---	---	3	---	---
Jun	4	---	---	---	---	---	---	---	---
	11	---	---	---	---	---	---	---	---
	18	---	---	---	---	---	1	---	---
	25	---	---	---	---	---	---	---	---
Jul	2	---	---	---	---	---	---	---	---
	9	---	---	---	---	---	---	---	---
	16	---	---	---	---	---	---	---	---
	31	---	---	---	---	1	---	---	---
Aug	total	---	---	---	---	---	---	---	---
Total		2,805	2,452	472	552	364	710	56	69

1/ Robinson and Dancy varieties.

Source: See Page 45, Data Sources, Item 7.

FLORIDA CITRUS: Distribution of recorded utilization, by types, by months, crop years 1984-85 through 1988-89

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
							Percent						
Fresh orange shipments													
1984-85	---	---	25	29	12	6	8	8	9	3	---	---	100
1985-86	---	---	19	25	10	9	11	11	9	6	---	---	100
1986-87	---	---	18	25	11	5	13	11	11	6	---	---	100
1987-88	---	---	18	26	11	7	12	11	11	4	---	---	100
1988-89	---	---	22	28	9	5	13	11	9	3	---	---	100
Processed orange usage													
1984-85	---	---	2	10	25	25	10	12	13	3	---	---	100
1985-86	---	---	2	12	24	15	7	16	18	6	---	---	100
1986-87	---	---	2	15	23	14	3	17	19	7	---	---	100
1987-88	---	---	---	14	21	18	6	13	18	10	---	---	100
1988-89	---	---	2	16	23	15	6	14	17	7	---	---	100
Fresh grapefruit shipments													
1984-85	---	12	14	15	18	11	15	11	4	---	---	---	100
1985-86	---	13	11	12	16	14	16	14	4	---	---	---	100
1986-87	---	10	11	12	14	16	17	15	5	---	---	---	100
1987-88	---	7	11	12	14	14	17	16	9	---	---	---	100
1988-89	---	4	12	11	13	16	17	16	11	---	---	---	100
Processed grapefruit usage													
1984-85	---	2	5	8	12	25	33	12	3	---	---	---	100
1985-86	---	4	8	12	15	23	26	11	1	---	---	---	100
1986-87	---	3	6	13	17	26	26	8	1	---	---	---	100
1987-88	---	---	4	7	11	21	38	14	5	---	---	---	100
1988-89	---	1	5	8	10	21	34	14	7	---	---	---	100
Fresh tangerine shipments													
1984-85	---	14	17	21	22	16	10	---	---	---	---	---	100
1985-86	---	12	19	24	18	11	12	4	---	---	---	---	100
1986-87	---	7	15	22	17	18	16	5	---	---	---	---	100
1987-88	---	7	12	23	18	19	17	4	---	---	---	---	100
1988-89	---	6	15	24	17	16	15	7	---	---	---	---	100
Fresh tangelo shipments													
1984-85	---	6	27	45	18	4	---	---	---	---	---	---	100
1985-86	---	4	25	48	19	4	---	---	---	---	---	---	100
1986-87	---	---	23	46	24	7	---	---	---	---	---	---	100
1987-88	---	---	25	51	21	3	---	---	---	---	---	---	100
1988-89	---	---	28	53	18	1	---	---	---	---	---	---	100
Fresh Temple shipments													
1984-85	---	---	---	---	71	21	8	---	---	---	---	---	100
1985-86	---	---	---	---	54	29	13	4	---	---	---	---	100
1986-87	---	---	---	---	46	37	15	2	---	---	---	---	100
1987-88	---	---	---	---	44	43	13	---	---	---	---	---	100
1988-89	---	---	---	---	57	33	10	---	---	---	---	---	100

CITRUS FRUIT: Production, by selected countries, principal types, crop years 1984-85 through 1988-89

Country	Crop years 1984-85	1985-86	1986-87	1987-88	1988-89 1/
			1,000 metric tons 2/		
Oranges 3/					
Brazil	11,715	11,015	10,975	10,500	12,150
United States	6,241	6,912	7,121	7,896	8,191
Mexico	1,000	1,410	1,683	1,942	2,268
Spain	1,365	1,942	2,059	2,442	2,225
Italy	1,960	2,257	2,424	1,400	2,020
Egypt	1,182	1,168	1,235	1,387	1,390
Morocco	686	841	650	913	890
Greece	775	554	881	462	780
Turkey	760	505	750	700	750
South Africa 4/	486	497	625	684	680
Israel	941	685	815	627	550
Argentina	653	623	630	600	540
Cuba	408	390	500	520	540
Australia	489	494	475	450	504
Cyprus	155	156	204	138	167
Gaza	140	142	151	83	125
Total	28,956	29,591	31,178	30,744	33,770
Grapefruit					
United States	2,046	2,122	2,330	2,523	2,602
Israel	375	371	392	317	373
Cuba	155	237	250	284	300
Argentina	157	178	165	160	145
South Africa 4/	102	99	121	140	138
Total	2,835	3,007	3,258	3,424	3,558
Lemons					
United States	889	632	986	712	751
Italy	744	800	813	660	750
Spain	325	482	613	760	679
Argentina	360	450	460	400	290
Turkey	240	180	250	220	280
Total	2,558	2,544	3,122	2,752	2,750
Tangerines					
Japan 5/	2,344	2,870	2,542	2,941	2,390
Spain	947	1,050	1,164	1,307	1,120
Italy	360	500	531	336	510
Brazil 6/	668	486	479	453	460
Morocco 7/	244	347	290	300	390
United States 8/	273	290	363	364	356
Turkey	219	257	300	280	320
Argentina	241	243	260	250	240
Mexico	67	123	131	151	157
Israel	99	123	158	122	140
Egypt	104	106	117	134	120
Total	5,566	6,395	6,335	6,638	6,203

1/ Forecast. 2/ One metric ton is equivalent to 2,204.6 pounds. 3/ Includes tangerines and Temples in some countries. 4/ Includes some fruit produced in Swaziland, Botswana, and Mozambique which is marketed through the South African Citrus Board. 5/ Mainly satsumas but also including mandarin hybrids. 6/ State of Sao Paulo only, which apparently accounts for over one-half of Brazil's production. About 120,000 tons of tangerines which are processed are included in the orange table. 7/ Clementines only. 8/ Includes tangelos, which account for about half of the total production.

Source: See Page 45, Data Sources, Item 6.

DATA SOURCES

All data in this summary are official statistics of United States Department of Agriculture issued by the National Agricultural Statistics Service, except when another source is shown.

1. United States Department of Commerce
   Federal-State Agricultural Weather Service
   1408 24th Street, S. E.
   Ruskin, Florida 33570

2. Hume, H. Harold, The Cultivation of Citrus Fruits
   (New York: The Macmillan Co., 1926) - Data for
   1886-87 through 1908-09

3. Florida Citrus Processors Association
   P. O. Box 780
   Winter Haven, Florida 33880

4. Arizona Agricultural Statistics Service
   201 East Indianola, Suite 250
   Phoenix, Arizona 85012

   California Agricultural Statistics Service
   P. O. Box 1258
   Sacramento, California 95812

   Texas Agricultural Statistics Service
   P. O. Box 70
   Austin, Texas 78767

5. United States Department of Agriculture
   Agricultural Marketing Service
   Washington, D. C. 20250

6. United States Department of Agriculture
   Foreign Agricultural Service
   Washington, D. C. 20250

7. Florida Department of Agriculture and Consumer Services
   Division of Fruit and Vegetable Inspection
   P. O. Box 1072
   Winter Haven, Florida 33880

8. Citrus Administrative Committee
   P. O. Box R
   Lakeland, Florida 33802

9. Florida Citrus Mutual
   P. O. Box 89
   Lakeland, Florida 33802

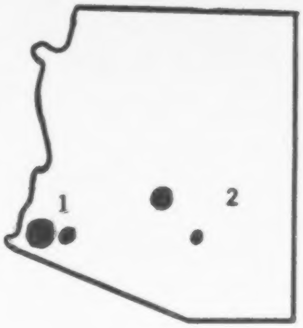
10. United States Department of Agriculture
    Economic Research Service
    Washington, D. C. 20250

OTHER STATES' CITRUS PRODUCTION AREAS

(States not drawn to scale)

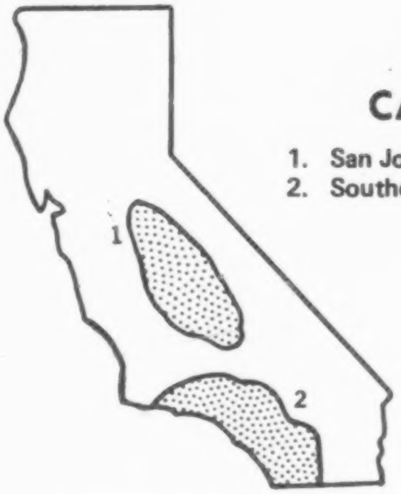
ARIZONA

1. Western	22,400 acres
2. Central	13,200 acres



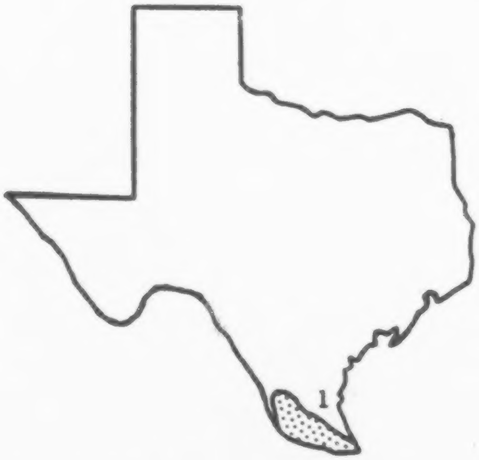
CALIFORNIA

1. San Joaquin Valley	151,200 acres
2. Southern California	115,000 acres



TEXAS

1. Lower Rio Grande Valley
34,500 acres



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National Agricultural Statistics Service
1222 Woodward Street, Orlando, Florida 32803

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Florida Agricultural Statistics

Vegetable Summary 1988-1989

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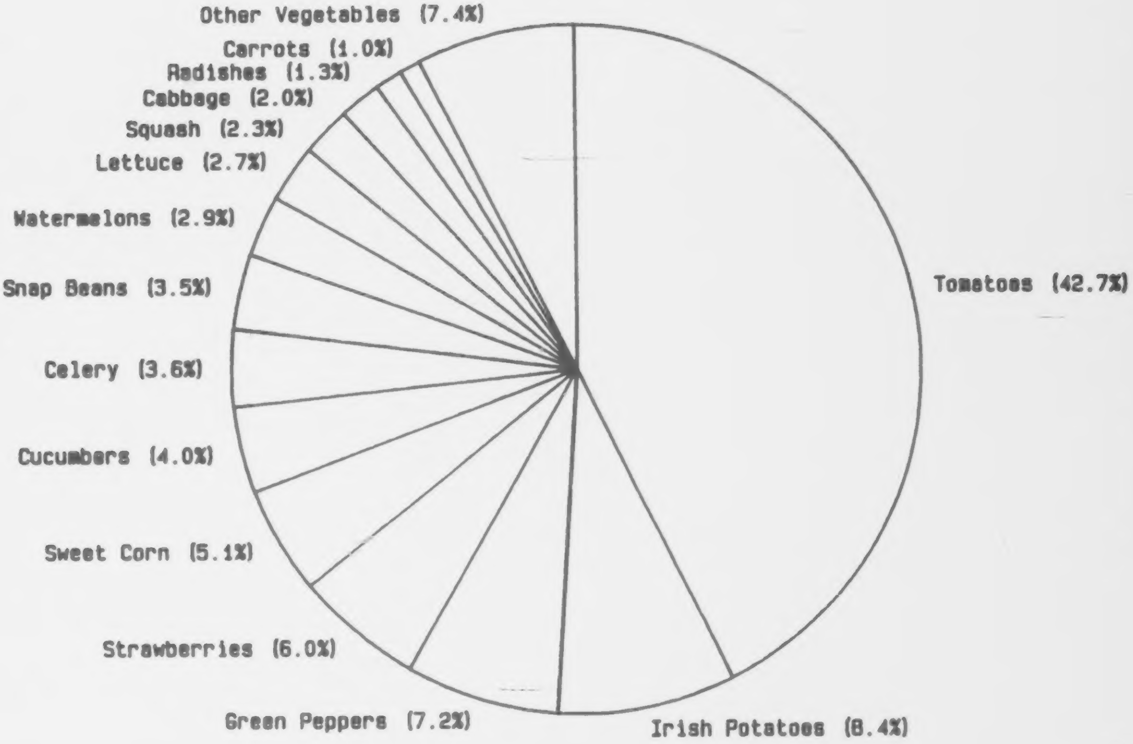


FLORIDA VEGETABLES
Distribution of Value Crops, 1988-89 Season.

FLORIDA AGRICULTURAL STATISTICS

Vegetable Summary

Florida Department of Agriculture
and Consumer Services
Doyle Conner, Commissioner
Tallahassee, Florida

Florida Agricultural
Statistics Service

Robert L. Freie, State Statistician
Orlando, Florida

Division of Marketing

H. Vance Young, Jr. Ph.D., Director
Tallahassee, Florida

Cooperating with

U.S. Department of Agriculture
Agricultural Marketing Service
and
National Agricultural Statistics Service

University of Florida
Institute of Food & Agricultural Sciences
Agricultural Experiment Stations
Department of Food & Resource Economics

ACKNOWLEDGMENT

The acreage, production, and value statistics in this bulletin are official State and USDA estimates prepared by the Florida Agricultural Statistics Service. The county and area detail were made possible by the participation of the Department of Food and Resource Economics, University of Florida, in the estimating program. The Bureau of State Farmers' Markets, Florida Department of Agriculture, and the County Extension Agents, University of Florida, Cooperative Extension Service, were also very helpful in supplying area and county information. Shipment statistics were provided by the Market News Section of the Florida Department of Agriculture and the USDA Agricultural Marketing Service.

Grower organizations have provided valuable assistance and data throughout the season. These groups include the Florida Celery Committee, Florida Tomato Committee, Florida Sweet Corn Exchange, South Florida Vegetable Exchange, Zellwood Sweet Corn Exchange, and North Florida Growers Exchange. Sales agencies and transportation firms provided additional inputs needed to complete the statistical story.

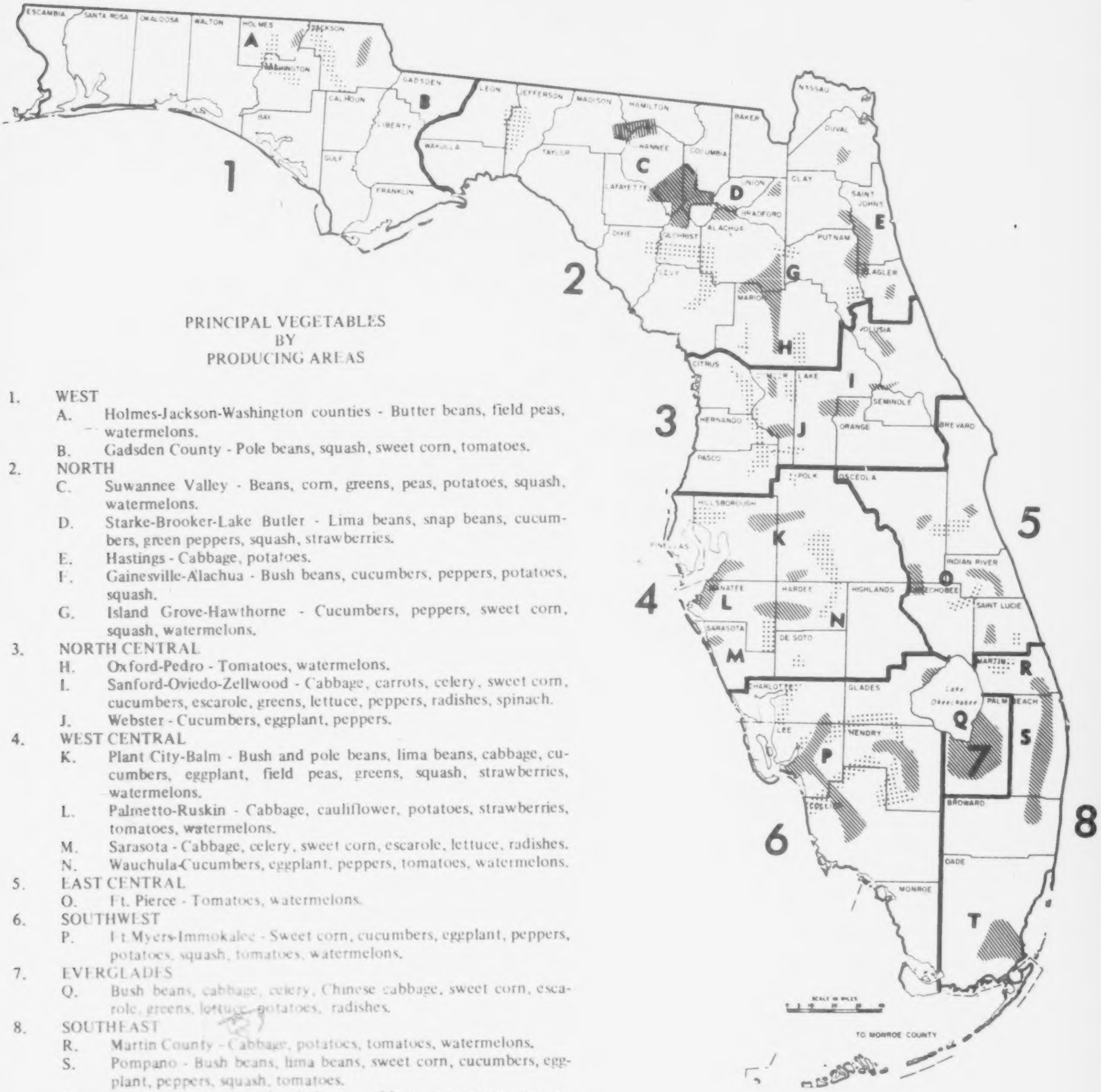
Foremost, the growers, shippers, and processors volunteered most of the basic data used in developing these statistics. The public spirited cooperation of these individuals and groups is appreciated.

Fieldmen James Holloway, Parrish; E. J. Hutchins, Deerfield Beach; Charles Robertson, Homestead; and James Spires of Immokalee collected much of the basic acreage, production, and price statistics in this bulletin. This report was assembled under the direction of Bill Erwin with assistance from Wade Adams and Shirley Zonner of the Florida Agricultural Statistics Service and H. B. Buchanan, Market News Section. The authors also wish to thank Ray Crickenberger, Marcelo Diaz, Kitty Hildreth, Iraides Ojeda, Pat Quittence, Tommy Scherer, and others of the Florida Agricultural Statistics Service who assisted in compiling and preparing this report.

For information call: (407) 648-6020

Published April 1990

FLORIDA


ESCAMBIA
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OKALOOSA
WALTON
HOLMES
JACKSON
WASHINGTON
GADSDEN
CALHOUN
BAY
LIBERTY
GULF
FRANKLIN
WAKULLA
LEON
JEFFERSON
MADISON
HAMILTON
TAYLOR
SUWANNEE
COLUMBIA
BAKER
NASSAU
DUVAL
LAFAYETTE
UNION
BRADFORD
CLAY
SAINT JOHNS
DIXIE
GILCHRIST
ALACHUA
PUTNAM
FLAGLER
LEVY
MARION
VOLUSIA
CITRUS
SUMTER
LAKE
SEMINOLE
HERNANDO
ORANGE
BREVARD
PASCO
POLK
OSCEOLA
HILLSBOROUGH
PINELLAS
MANATEE
HARDEE
HIGHLANDS
OKEECHOBEE
INDIAN RIVER
SAINT LUCIE
SARASOTA
DE SOTO
MARTIN
CHARLOTTE
GLADES
Lake Okeechobee
PALM BEACH
LEE
HENDRY
COLLIER
BROWARD
DADE
MONROE
SCALE IN MILES
TO MONROE COUNTY
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PRINCIPAL VEGETABLES
BY
PRODUCING AREAS

1. WEST
   - A. Holmes-Jackson-Washington counties - Butter beans, field peas, watermelons.
   - B. Gadsden County - Pole beans, squash, sweet corn, tomatoes.
2. NORTH
   - C. Suwannee Valley - Beans, corn, greens, peas, potatoes, squash, watermelons.
   - D. Starke-Brooker-Lake Butler - Lima beans, snap beans, cucumbers, green peppers, squash, strawberries.
   - E. Hastings - Cabbage, potatoes.
   - F. Gainesville-Alachua - Bush beans, cucumbers, peppers, potatoes, squash.
   - G. Island Grove-Hawthorne - Cucumbers, peppers, sweet corn, squash, watermelons.
3. NORTH CENTRAL
   - H. Oxford-Pedro - Tomatoes, watermelons.
   - I. Sanford-Oviedo-Zellwood - Cabbage, carrots, celery, sweet corn, cucumbers, escarole, greens, lettuce, peppers, radishes, spinach.
   - J. Webster - Cucumbers, eggplant, peppers.
4. WEST CENTRAL
   - K. Plant City-Balm - Bush and pole beans, lima beans, cabbage, cucumbers, eggplant, field peas, greens, squash, strawberries, watermelons.
   - L. Palmetto-Ruskin - Cabbage, cauliflower, potatoes, strawberries, tomatoes, watermelons.
   - M. Sarasota - Cabbage, celery, sweet corn, escarole, lettuce, radishes.
   - N. Wauchula-Cucumbers, eggplant, peppers, tomatoes, watermelons.
5. EAST CENTRAL
   - O. Ft. Pierce - Tomatoes, watermelons.
6. SOUTHWEST
   - P. Ft.Myers-Immokalee - Sweet corn, cucumbers, eggplant, peppers, potatoes, squash, tomatoes, watermelons.
7. EVERGLADES
   - Q. Bush beans, cabbage, celery, Chinese cabbage, sweet corn, escarole, greens, lettuce, potatoes, radishes.
8. SOUTHEAST
   - R. Martin County - Cabbage, potatoes, tomatoes, watermelons.
   - S. Pompano - Bush beans, lima beans, sweet corn, cucumbers, eggplant, peppers, squash, tomatoes.
   - T. Homestead - Bush and pole beans, cabbage, sweet corn, cucumbers, potatoes, squash, strawberries, tomatoes.

▨ Commercial Vegetables

░ Watermelons

Florida: Usual dates for planting and harvesting vegetables, melons, potatoes, and strawberries

Crop	Planting Dates 1/	Usual Harvest Dates		
		Begins	Most active	Ends
Snap Beans 2/	Aug 15 - Apr 1	Oct 15	Nov 1 - May 1	Jun 15
Cabbage	Sep 1 - Mar 15	Oct 25	Jan 1 - Apr 15	Jun 15
Carrots	Aug 15 - Feb 15	Nov 1	Dec 15 - May 25	June 10
Cantaloups	Jan 15 - Mar 15	Mar 10	May 15 - Jun 20	Jul 10
Cauliflower	Sep 15 - Jan 1	Dec 15	Jan 1 - Mar 15	Apr 15
Celery	Aug 1 - Apr 15	Oct 25	Dec 15 - Jun 1	Jul 10
Chinese Cabbage	Sep 1 - Apr 1	Oct 20	Nov 15 - May 15	Jun 1
Sweet Corn	Jul 25 - May 10	Sep 25	Nov 15 - Jun 15	Jun 15
Cucumbers	Aug 1 - Apr 1	Sep 20	Nov 1 - Dec 15 Apr 20 - Jun 1	Jul 1
Eggplant	Jul 15 - Apr 1	Oct 1	Nov 15 - Jul 1	Aug 1
Escarole and Endive	Aug 25 - Apr 1	Oct 20	Nov 15 - May 25	Jun 1
Lettuce and Romaine	Aug 25 - Apr 1	Oct 20	Dec 1 - May 1	Jun 1
Parsley	Aug 25 - Apr 1	Oct 20	Nov 15 - May 25	Jun 1
Green Peppers	Aug 1 - Mar 15	Oct 20	Nov 15 - Jun 15	Jul 1
Potatoes	Sep 15 - Mar 1	Dec 26	Feb 1 - Jun 1	Jul 1
Radishes	Sep 1 - May 15	Sep 20	Nov 15 - May 1	Jun 15
Spinach (Proc.)	Nov 1 - Jan 1	Jan 15	Feb 1 - Mar 1	Mar 15
Squash 3/	Aug 15 - Apr 1	Sep 1	Nov 15 - May 15	Jul 1
Strawberries	Oct 1 - Nov 15	Dec 15	Feb 1 - Apr 1	May 15
Tomatoes	Jul 25 - Mar 15	Oct 15	Nov 15 - Jun 1	Jul 1
Watermelons	Dec 15 - Apr 1	Apr 1	May 1 - Jul 1	Jul 15

1/ Usual date direct seeded or transplanted. 2/ Includes Pole Beans.

3/ A small acreage of summer squash is marketed locally during July and August.

Contents

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Summary of Acreage, Production, and Value by Crops, 1987-88 and 1988-89 Crop Years	12
Summary of Harvested Acreage and Value, 1974-75 through 1988-89	13

Individual Crop Data	Narrative Summary	Acreage, Production and Value	Shipments	Unloads
Snap Beans	3	14	56	67
Cabbage	3	17	57	67
Cantaloups	11	—	—	67
Carrots	4	19	57	68
Cauliflower	11	—	58	68
Celery	4	21	58	68
Chinese Cabbage	4	—	58	69
Sweet Corn	5	23	59	69
Cucumbers	5	26	59	69
Eggplant	6	30	60	70
Escarole-Endive	6	32	60	70
Greens	11	—	60	70
Lettuce	7	34	61	71
Okra	11	—	61	72
Dry Onions	11	—	62	—
Parsley	11	—	62	—
Peas	11	—	64	76
Green Peppers	7	37	62	72-73
Potatoes	8	40	63	73-74
Radishes	9	43	63	74
Spinach	8	—	—	74
Squash	8	44	64	75
Strawberries	9	47	64	75
Tomatoes	10	49	65	75
Cherry Tomatoes	—	—	65	76
Watermelons	10	54	66	76
Other Vegetables	—	—	66	—
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DEFINITIONS AND EXPLANATIONS

SEASONAL GROUPS--State level estimates for most crops are estimated on a six month seasonal basis. These statistics are published in January. The periods are for the crop year July through December and January through June. The two six month periods were combined in this publication into a crop year total for all crops. Production sold or utilized is shown by months.

PLANTED ACREAGE is the total acreage which has been planted for harvest during the crop year. Acreage lost and replanted to the same crop in time for harvest in the same quarter is counted only once. Acreage harvested and planted again to the same crop is counted twice.

HARVESTED ACREAGE is the acreage partially or completely harvested. Acreage lost before or at maturity through natural or economic causes is not included in the acreage for harvest.

YIELD is the average production per acre of merchantable quality harvested and sold or utilized.

PRODUCTION is the quantity actually harvested and sold or utilized.

UNIT VALUE for fresh market sales is the equivalent price received, f.o.b. shipping point basis and encompasses all grades and sizes marketed or utilized. Included are packing charges, selling charges, precooling, top ice, or other costs which contribute to the value of the product at shipping point. The value per unit for quantities sold to processors is the average value paid for usable quantities, on a "delivered to plant door" basis. This value includes transportation and other normal costs incident to delivery at plant door.

TOTAL VALUE is the equivalent value of production sold or utilized based on the unit value. Cullage and other quantities not sold or utilized because of natural or economic factors are excluded.

OTHER COUNTIES include harvested acreage for all counties for which either published data would result in the disclosure of individual operations or acreage totals for specific commodities are of minor importance in the State.

All shipments and unloads, rail, truck, air, and boat, are recorded nationally in 10,000 pound units each day. Annual releases are in 1,000 cwt. In this publication, shipments and unloads for some commodities were converted to most common trading units. Rail and piggyback weights and conversion factors were determined by several Market News Service field offices. Mixed car (rail) loadings by stations have been prorated by commodities.

Where possible, the national Market News Service in Washington, D. C. has established a single uniform weight per commodity to be used nationally in converting to weight units for the various means of transportation. Weights per common container used and number of units per rail car or truck may be obtained by writing the MNS office in Winter Park, Florida.

PRODUCTION AND PRICE UNIT--The official USDA vegetable crop estimates are published on a weight basis. For this bulletin, the official estimates for most vegetable crops have been converted to what is believed to be the most commonly used containers. If changes in container weights are necessary, all data pertaining to the production of the commodity in question are revised to maintain comparability between years. The table below gives the net weight used per container and the number of containers per hundredweight for Florida produce.

Most common unit, estimated net weight, and units per hundredweight, Florida produce, 1988-89 crop season

Commodity	Unit	Est. net weight	No. of units per cwt	Commodity	Unit	Est. net weight	No of units per cwt
		Pounds				Pounds	
Snap Beans	Bushel	30	3.333	Lettuce, Romaine	Carton	22	4.545
Cabbage	Crate	50	2.000	Okra	Bushel	30	3.333
Carrots	Sack	48	2.083	Parsley	Crate	21	4.762
Cauliflower	Carton	25	4.000	Green Pepper	Bushel	28	3.571
Celery	Crate	60	1.667	Potatoes	Sack	100	--
Chinese Cabbage	Crate	50	2.000	Radishes	Carton	15	6.667
Sweet Corn	Crate	42	2.381	Squash	Bushel	42	2.381
Cucumbers	Bushel 1 1/9	55	1.818	Strawberries	Flat	12	8.333
Eggplant	Bushel	33	3.030	Tomatoes	Carton	25	4.000
Escarole	Crate	25	4.000	Watermelons	Cwt	100	--
Lettuce, Iceberg	Carton	50	2.000				

SUMMARY OF THE 1988-89 VEGETABLE SEASON

The farm value of Florida-grown vegetables, melons, potatoes, and strawberries sold in the 1988-89 crop year totaled just over $1.5 billion, 16 percent above that of the 1987-88 season. Crops increasing in value were cabbage, celery, cucumbers, eggplant, green peppers, Irish potatoes, radishes, tomatoes, and strawberries. Crops with lower values than the previous year were snap beans, escarole, lettuce, squash, and watermelons. Of the five crops showing declines, only watermelons did not show a decline in acreage and only snap beans did not show a reduction in season average price.

Total harvested acreage was essentially unchanged from a year earlier; however, there were the usual ups and downs and shifting among the various crops. Crops showing the largest acreage increases were: Irish potatoes, 6,500; tomatoes, 3,900; and radishes, 700. Other crops with smaller increases were celery, green peppers, strawberries, and watermelons. Crops showing decreases included sweet corn, 4,300; snap beans, 2,250; and carrots with a reduction of 2,800 acres. Other crops with acreage reductions included cabbage, cucumbers, eggplant, escarole, lettuce, and squash.

Season average prices for snap beans, carrots, sweet corn, cucumbers, tomatoes, and strawberries were record highs. Cabbage, celery, green peppers, and Irish potatoes also were up from the previous year. Season average prices for all other crops estimated were down from a year earlier.

Land preparation, planting, and transplanting for the fall season were underway by mid-July as is usual. Temperatures continued hot through September with records being established in some areas. The most notable weather, during the early fall, was the passing through of a number of tropical storms, and hurricanes Florence and Gilbert, etc., which dumped some excessive amounts of water on a number of crops. Plantings were delayed in some areas but, in the west central area, large acreages of young tomatoes and other recently planted vegetables were flooded. Some fields were abandoned, some replanted, and some were left, with hope for production. It was not a good season for the west central production area.

Daytime temperatures, through November, continued generally in the mid-to-upper 80's in the central and southern areas and somewhat cooler in the northern areas. Precipitation was mostly limited and widely scattered. Planting, harvesting, and other fieldwork made good progress. Frost the first week of December ended the season in the northern areas. Freezing temperatures a couple of weeks later mercifully ended the season for most crops in the west central area.

Some unusually warm weather during January and early February pushed crop growth and development well ahead of normal. Any thoughts of some early spring crops came to an abrupt halt with the advent of a late February cold snap. Freezing temperatures were recorded from the northernmost areas, southward to Homestead, and most points in between. No crop emerged unscathed. The west central and southwestern areas were hit hardest. For the southwest, it was too late to replant in most instances and for the west central, it meant a later running season. Crop covers were used in a number of fields primarily in the southeast and were quite successful.

Weather for the remainder of the growing season was uneventful. Temperatures were seasonal and rainfall was limited during the early spring, increasing by late spring. One exception was a rainy period throughout much of June and early July, in the Panhandle, which caused some flooding and other water related damage. Disaster Damage Assessment Reports were filed in a number of counties. Watermelon and tomatoes were among the crops damaged. Northern and Panhandle growers continued to harvest a relatively small acreage of assorted vegetables. The Quincy area tomato crop continued to be picked into July in response to a rather strong market for this time of year.

Most of the weather data for this summary was supplied through the National Weather Service, Auburn, Alabama. Information on the effects of weather on crops was provided by the Florida Agricultural Statistics Service fieldmen.

SNAP BEANS
1988-89

Bush beans are grown in most areas of the State. The southeastern area (Homestead and Pompano) continues as the major production area. Pole beans are grown primarily in Dade County, with small acreages in Gadsden and Marion counties and the west central area.

The State's growers produced 3.9 million bushels of snap beans for fresh and processing, down 611,000 bushels from a year earlier and the smallest crop since 1980-81. Harvested acreage for both fresh and processed totaled 28,100 acres, down 7 percent from the previous year. Some early bean land was used for a larger than normal seed corn crop during 1988-89; however, the trend in bean acreage has been downward in recent years. A yield of 138 bushels per acre for the fresh market crop was 12 bushels short of the record setting yield established a year earlier. Processing yields averaged a record high 167 bushels per acre, 33 bushels above the previous year and 4 bushels greater than the previous record established in 1978-79.

The average f.o.b. price of $14.85 for fresh market beans was $2.65 higher than a year earlier and a new record. The value of the fresh market crop, at just short of $53 million, was 2 percent less than the previous year. Processing beans averaged $4.33 per bushel, $1.16 more than last year and the highest since 1984-85.

The first beans, as is usual, were picked in the west Florida area in September. Hot, often wet, weather delayed planting in the central and southern areas; however, by late September, planting had become active in all areas. The weather during the fall growing season was generally agreeable with the exception of some flooding caused by heavy rains accompanying tropical storms, during October, in the west central area. There also was the usual bloom loss from the occasional gusting winds during this time period.

Harvest was underway in the Pompano area by mid-October, followed shortly thereafter by harvest in the Homestead area. The west central crop, running late, did not pick until mid-November and was completed by mid-December. Harvest peaked in February in the Homestead and Pompano areas, somewhat later than usual.

Winter crops suffered some cold damage during late February and yields were reduced substantially. Growers in the west central area had all early planted spring acreage frozen and had to replant.

Weather, for the remainder of the season, was generally favorable for good growth and development. The west central area came into production by the end of April and northern areas by early May. Harvest in Homestead was complete by mid-May and in the Pompano area by the end of the month. Light supplies continued from northern fields until the close of the season at the end of June.

CABBAGE
1988-89

Cabbage growers in Florida produced 6.5 million crates and bags of cabbage during the 1988-89 season, down 1 percent from the previous season. The gross value of sales was $30.4 million, up 3 percent from the $29.6 million value of the 1987-88 crop. The average f.o.b. price was $4.70 per crate or bag, up 19 cents from the $4.51 received for last year's crop. The decrease in production from last year was more than offset by the increase in price, thus, the increase in value.

Acreage planted totaled 15,900 acres, down 1,200 acres from the 17,100 acres planted during the 1987-88 season. Harvested acreage amounted to 15,500 acres. This was 1 percent less than last season. The average yield of 418 crates or bags per acre was down 3 bags from the previous season's average.

The Hastings area, long the State's leader in cabbage production, has been overtaken by the combined east central and west central areas. This area accounted for 36 percent of the State's production during the 1988-89 season. The leading cabbage producing county was Manatee with 3,400 acres harvested, or 22 percent of the State total.

Planting was underway by early September in the Hastings area and by the end of the month had become active in most all other production areas. A limited number of acres continues to be seeded directly rather than transplanted. The most active period for transplanting/seeding was October through December.

Harvest began the last week of November. Volume increased in each succeeding month through March. Cutting then tapered off to mid-June when the last cabbage was cut in Hastings. Fall production accounted for about 10 percent of total production, winter production accounted for 60 percent, and spring production accounted for the remaining 30 percent.

Generally, weather was favorable for making a good crop in most all production areas. However, a cold front the last week of February, brought freezing temperatures to the Hastings and central areas. Damage from the freezing temperatures was minimal. The cooler, but not freezing, temperatures were beneficial to the crop in the southeast.

CARROTS
1988-89

Florida growers produced 940 thousand hundredweight (94,000,000 pounds) of carrots for both the fresh and processing markets during the 1988-89 season, down 21 percent from the 1,183 thousand hundredweight produced last season. Carrots for fresh use accounted for 83 percent of production while processing use was 17 percent, equal to the 1987-88 season percentages. Usually about 12 to 14 percent of the crop is mini or finger carrots with the balance being regular size.

Producers harvested 9,400 acres of carrots during the 1988-89 season from the 9,700 acres planted. Both planted and harvested acreages were down 24 and 23 percent, respectively, from the 12,700 acres planted and 12,200 acres harvested in 1987-88.

Growers received a record high average price of $16.00 per hundredweight in 1988-89, up $4.60 from the $11.40 per hundred pounds received in the previous season. Total value of carrots reached slightly over $15.0 million to set a new record high and was up 12 percent from the previous record high of $13.5 million received during the 1987-88 season. The increase in value can be attributed to high prices received throughout the growing season for a reduced crop.

Rain showers during early September delayed some fall plantings with most growers back on schedule by the end of the month. Harvest of mini or finger carrots started during the middle of October from the Everglades' muck soils south of Lake Okeechobee while harvest began in the muck soils around Lake Apopka by late month. Regular type harvest commenced at the end of November in Zellwood. Some frosty weather in late December harmed youngest acreage in the Zellwood area with Everglades acreage escaping damage. Another frost during late February nipped the tops of both regular and mini types in the Zellwood area, causing spotty damage and reducing supplies throughout most of March. All harvest was completed by the end of June.

CELERY
1988-89

Florida celery marketings of 5.94 million crates were down just slightly from a year earlier. Harvested acreage was up by some 400 acres but still the second lowest since the pre-war crop of 1939-40. The average yield of 716 crates per acre was down 41 crates from the record 757 crate yield of the previous year.

The Everglades, with just over 80 percent of the harvested acreage in the State, was the foremost area of production throughout the season. The north central area, supplemented by a light supply from the Sarasota area, accounted for the rest of the State's celery crop and provided light, continuous supplies with only a short break in early January.

The total value of the crop--$54.9 million--was 15 percent above a year ago and was the highest since the record setting 1983-84 crop.

The season average price, at $9.25 f.o.b. per crate, was $1.25 above the previous year and the second highest of record. Prices for the 1988-89 season compared with the previous season, started higher with the first cuttings in November, but fell below the earlier year in December and January. Prices improved in February and continued to the end of the season in June, above the previous year.

Plant bed preparation and seeding were in progress, by mid-June in both major production areas. Transplanting was underway in August, in both areas. Wet weather slowed plantings in the central area, during early September, but growers were back on schedule by midmonth. Plantings in the Everglades were completed by the first week of April. Plantings in the central area were, as is usual, interrupted the last 2 weeks in September, restarted and completed by mid-April.

Harvest began in early November, in Zellwood, followed shortly thereafter by the Everglades. Weather was generally conducive for good growth and development throughout the season. The late February freeze inflicted only minimal damage in either area.

Production increased rapidly. Shipments during December and January were the largest in 10 years. The lower prices during this time period, are likely at least partially explained by this increased volume. Volume dipped slightly for February then increased to a seasonal peak in May. The season then tailed off rapidly with the last celery cut by the end of June.

Quality and size were mostly good throughout the season. Yields were the second highest in over 30 years. Approximately 15 percent of the crop was not harvested for various reasons. Growers passed some acreage in order to maintain good size and quality celery.

Celery is subject to a Federal marketing order administered by the Florida Celery Committee. Field supervisors provided the basic acreage and production data. In cooperation with the Celery Committee, these data are assembled into weekly, monthly, and annual reports and published in this Annual Summary.

CHINESE CABBAGE
1988-89

Chinese cabbage is grown primarily on the mucklands in the Zellwood and Everglades areas. The organic soils provide a very good medium for rapid growth. Harvest was underway by late November and had reached a good volume by early December. Supplies were generally steady through May, then tapered off to the end of the season around mid-June. Quality was generally good throughout the growing season. Shipments for 1988-89 totaled 142,000 crates compared with 209,000 crates a year earlier (see page 58).

SWEET CORN
1988-89

Florida growers produced 16 percent less fresh market sweet corn in the 1988-89 season than in the 1987-88 season. Production during 1988-89 totaled 10,799,000 crates compared with 12,812,000 crates produced in 1987-88. Harvested acreage totaled 51,000 acres for the 1988-89 season compared with 55,300 acres harvested the previous season. Yields averaged 212 crates per acre, down 20 crates from the 232 crates averaged per acre during the previous season.

Florida continued as the Nation's leading grower of fresh market sweet corn and led the Nation in value with production worth $78,382,000. The season average f.o.b. price of $7.26 per crate was $1.68 higher than the 1987-88 average of $5.58 per crate. Sweet corn ranked fifth in value of vegetables, melons, and strawberries produced in Florida, exceeded only by tomatoes, potatoes, green peppers, and strawberries.

Plantings were underway in July for the fall Zellwood crop, while Everglades growers started limited planting in late July. Tropical storms during September damaged some Zellwood area fields with some acreage completely lost and some fields salvaged for local market sales. Light harvest was underway in northern Peninsula areas and Zellwood at the end of September while some Dade County U-Pic acreage was being seeded. Zellwood picking peaked during mid-October as Dade County growers began commercial seedings.

Southeastern producers started planting at the end of October. The main crop harvest began in early November for the Everglades. Most picking in the Zellwood area was complete by early December. Frosts in December hindered kernel development and damaged leaves in some Everglades fields. Spring crop seedings for the Everglades were underway in late December. In early January both southeastern and Dade County growers began harvesting while Everglades producers wound up picking by mid-month. During mid-February through March, Dade County picking was at a peak level. A limited acreage, planted in the Zellwood area during late February, was damaged by a freeze with all acreage replanted. Oldest fields in the Everglades area were also replanted because of freeze damage, while fields with plants ankle high to spike stage escaped damaged. Winds accompanying the late February freeze burned leaves and tossed plants in the Dade County and southeastern areas. The late February freeze hurt the quality of Dade County sweet corn and stopped harvest for a short time in the southeast.

Light harvest began in the Everglades during late March while Dade County growers finished picking by late April. The Zellwood spring crop harvest started in early May. Picking of the northern Peninsula spring crop started at the end of May. Harvest in the Everglades was virtually finished by mid-June while northern Peninsula growers wound up picking by the end of the month. Zellwood producers provided light supplies through early July.

CUCUMBERS
1988-89

Production of fresh market cucumbers in Florida during 1988-89 totaled a record high 6.3 million bushels, up 9 percent from a year earlier. Acreage harvested, at 13,900 acres, was the lowest since 1973-74. This reduced acreage was more than offset by the record setting yield of 450 bushels per acre, an increase of 65 bushels over the previous high, established in 1987-88. The total fresh market production is valued at $61.8 million, also a record high and 13 percent above the previous year. The season average price of $9.89, a 31 cent increase over the previous year, in combination with the record production, account for the large increase in crop value.

Supplies in 1988-89 were generally available from late September through early July. Supplies, however, were limited, as they historically are, from January through March. Many of the recorded shipments moving out-of-State during this time period were from offshore and truck imports resold in mixed loads.

Monthly prices for the 1988-89 fall crop started out lower than a year earlier. However, prices had improved by December and with the exception of March and June, exceeded the previous year for the remainder of the crop year.

Cucumbers are grown in most all areas of the State. The west central area, with 32 percent of the planted acreage (a 900 acre boost from the previous year) surpassed both the southwest and the southeastern regions which accounted for 30 and 25 percent respectively. The west and north central regions accounted for the remaining acreage.

The west central area suffered some very heavy damage in early September, from excessive rain and flooding that accompanied a couple of tropical depressions. This inclement weather came at a time when some acreage was only a few days from harvest. Other production areas were not seriously affected by this weather. A light volume was being shipped from the southeastern and west central regions by the end of September and was underway by late October in the southwest. The fall crop harvest peaked in November with all areas shipping cukes. The season then tailed off with the west central area finishing by mid-December and the other major production areas shipping through mid-January. A very light volume was available, primarily from the southeast and southwest during the winter months.

Planting of the spring crop was active during early January through March. The weather was especially accommodating until a cold front in late February, with accompanying freezing temperatures, caused extensive damage to plantings in most all areas. The southwest was hit especially hard since they had little time for replanting. The west central area had only a limited acreage in the ground and was able to replant most fields. The condition of the crop in the southeast was lowered and there was some kill. Crop blankets reduced damage in a number of fields in this area. Cukes in Homestead also suffered and there was some freeze loss in colder areas. Weather for the remainder of the season was generally conducive for good growth and development.

Harvest was underway on the spring crop, by mid-March in the southwest and Pompano areas. The west central crop started coming in the first of April and northern area harvest was underway by mid-May. Production peaked in May and then tailed off to the end of the season in early July. In spite of the 2 major weather distractions, namely the September tropical storms and the late February freeze, yields were up in all areas except the west central area.

EGGPLANT
1988-89

Growers planted 2,100 acres, down 100 acres from the previous year. This continues a downward trend from the peak years of 1978-79 - 1980-81 when 3,100 acres were planted. Yields, however, were a record high 810 bushels per acre compared to 668 bushels a year earlier and the previous high of 710 bushels established during the 1983-84 season. Production, at 1.6 million bushels, was up 15 percent from the past season.

Total value of production, placed at a record high $11.4 million, was 11 percent above a year earlier. The average price of $7.05 per bushel, however, was 26 cents below the record setting price of a year ago. Compared with a year earlier, monthly prices were higher for the fall crop but, fell below some record and near record setting prices for the winter crop. Spring crop prices were mostly higher than the year before.

Hot weather, lingering through much of September, adversely affected growth of fall plantings. Initial harvest was underway in northern areas by early September, and in the southeast by the end of September, and was up to a good volume by mid-October. Picking was underway in the west central area by early November. This crop was ravaged by tropical storms during September and was not a good producer.

Winter weather was generally conducive to good growth and development. The late February cold weather did very little damage in the southeast where most of the crop was growing; however, crops on the other side of the Peninsula did suffer some damage.

The spring season was mostly uneventful. Good weather netted good yields in most production areas. The last of the crop was harvested in early July in the northern area.

The southeastern area around Pompano/Delray accounted for just over half of the State's production. The northern and central areas combined, contributed a third of the production with the remainder coming from the southwest.

Production is generally continuous throughout the entire crop year in the southeast and southwest. The crops in the western, northern, and central areas are for fall and spring harvest only because the possibility of freezing weather is too great during the winter months. First sales were from cuttings in the western and northern areas in late September. Harvest followed the usual pattern and progressed southward in the fall, continued through the winter in the southern areas, and then moved back northward in the spring.

ESCAROLE-ENDIVE
1988-89

Production of escarole and endive during the 1988-89 season totaled 2.3 million crates, down 9 percent from a year earlier. The average yield, at 551 crates per acre, was 4 crates more than the previous year and the highest in almost 15 years; however, this yield increase was not enough to offset a 10 percent decrease in harvested acreage (from 4,700 to 4,250).

Prices during the season averaged $4.10 per crate, compared to $4.90 for the previous season. This was the lowest average price since the 1980-81 season. The total value of sales, at $9.6 million, was $3.0 million short of that of a year earlier and the lowest since 1974-75. This reflects both the reduction in production and the lower season average price.

Growers in the Everglades, which had three-fourths of the harvested acreage in the 1988-89 season, began seeding in late August. Weekly planting schedules continued through March. Plantings in the Zellwood muckland area commenced around mid-August for a small fall crop. Plantings, in this area, are heaviest between January and March when the spring crop is planted. A small acreage is also grown around the Lake Placid and Sarasota mucklands, primarily as a spring crop.

Sales started slowly in late October in the Zellwood area and shortly thereafter in the Everglades. Marketings reached a good volume by November and peaked in January. Sales volume dipped slightly in February and March before peaking again during April. Harvest was completed in the Everglades by late May and in the central area a couple of weeks later.

Growing conditions were mostly favorable throughout the season. A late February cold snap inflicted some frost and windburn damage in all areas but the damage was not extensive.

LETTUCE
1988-89

Acreage, production, and value statistics of lettuce in this bulletin combine the various types into a single estimate. The types in order of importance are iceberg, romaine, Boston, bibb, and leaf.

Florida lettuce growers produced 2.2 million cwt of iceberg and specialty types during the 1988-89 season--an 8 percent decrease from the previous year. This is explained by small reductions in both harvested acreage and average yield. Harvested acreage, at 11,300 acres, was down 3 percent and the average yield, at 193 cwt, was 5 percent below the previous year. The all lettuce yield estimate is a function of not only the yield (high or low, up or down) of a particular lettuce type but, also the mix of the various types.

The season average f.o.b. price for all lettuce of $19.06 per cwt was $6.05 less than the previous year but 57 cents higher than the previous 5 year average. Average monthly prices for the fall and early winter months were below the unusually high prices for this time period a year earlier, but finished the crop year higher than the previous year.

The Everglades muckland accounted for almost 90 percent of the planted acreage and was the source of a continuous supply of good quality lettuce beginning in early November and ending in late May. Zellwood is the other major producing area. Sarasota and the Lake Placid mucklands contribute light supplies during much of the season.

Seeding, as is usual, was underway in early September. All areas were actively planting by early October. The Everglades had continuous plantings through March.

Specialty types are grown in all production areas, while virtually all of the iceberg type is grown in the Everglades. Very light harvest of specialty types was underway by the end of October in both production areas. The first iceberg was cut the last week of November in the Everglades.

The Everglades continued to be the principal supplier during the winter period. Supplies of all lettuce peaked during February. Supplies then declined to the season's end the last week of May when the last lettuce was cut in the Zellwood area.

Temperatures, for much of the fall season, could be considered normal--a little warmer than ideal but still not detrimental. A number of tropical storms that passed in and around Florida did little or no harm to the lettuce crops. A mid-December cold snap did burn the central area crop but inflicted no appreciable damage to the crop in the Everglades. A late February freeze, however, did damage crops in both areas and shipments were reduced somewhat for the remainder of the season. Quality was mostly good to very good, for all types, for much of the season.

PEPPERS
1988-89

Florida, for the seventh year in a row, produced a record pepper crop. Production totaled 14.1 million bushels, an increase of 6 percent from the previous year. Harvested acres and yield were also records at 20,900 acres and 673 bushels, respectively. Yields have been climbing steadily in recent years due to new varieties and cultural practices.

Total planted acreage statewide, at 21,900 acres, was up 400 acres from the crop of 1987-88. Acreage in the southwest continued to increase dramatically. A total of 10,250 acres was planted; an increase of 1,650 acres above the previous year. Planted acreage in the west central area, at 4,100 acres, was up 750 acres. Offsetting much of these increases, were the southeastern pepper growers who reduced planted acreage by 1,750 acres. Acreage was also down, but to a much lesser degree, in the north, west, and west central areas. The southwest retained its ranking as the State's number 1 pepper producing area by accounting for just over half of the State's pepper production.

The season average f.o.b. price of $7.83 per bushel was up 80 cents from a year earlier but 21 cents below the most recent 5 year average. Prices for the fall season ran below a year earlier, but for the winter and spring seasons, were above the previous year. The total value of just over $110 million was 18 percent above that of the 1987-88 crop and the second highest of record. Marketing got underway the end of October and increased to a good level by December. Supplies then slowed through February but increased from March to a peak in May. Volume then declined and was mostly over by the end of June.

Planting was underway by early August. Tropical storms in early September hit the west central area especially hard. Widespread flooding ruined many fields and seriously damaged most others. Other production areas showed little or no damage and generally had a good growing season. Harvest was underway in the Delray/Boynton area by around mid-October followed 2 to 3 weeks later by the southwest area. Harvest of the west central fall season was delayed or stalled by the same wet weather, and did not get underway until mid-November. Yields in all areas, except the west central, where harvest started late and ended early, were generally good.

A freeze in late February killed most recently planted fields in the west central area. Growers in this area had time to replant acreage; however, growers in the southwest area were not so lucky. They had to go with "what they had" since time had pretty much run out on their planting season. Cold damage was not so severe in the southeast. Many parts of this area are naturally a little warmer than in other production areas but another factor that played a role was the more widespread use of plant covers in this area. Weather conditions were generally favorable for the remainder of the crop year. The season ended in the northern area by early July.

POTATOES
1988-89

Potato production in Florida during 1989, including both winter and spring, totaled 8.3 million cwt, 2 percent greater than the 1988 crop and the second highest of record. A total of 43,600 acres were planted for harvest in 1989. Out of this total, 42,600 acres were dug, the largest acreage since 1966. The value of the crop was placed at $129 million, up $83 million from the previous year and a record high. This increase is attributed to the increase in the season average price. The price received for all potatoes averaged $15.50 per cwt compared with $5.65 in 1988.

The average yield for all potatoes was 195 cwt per acre, 31 cwt below that of 1988. In the Hastings area, which includes Flagler, Putnam, and St. Johns counties, the average yield also was 195 cwt per acre, down 40 cwt from the previous year. The Hastings area potato crop was hurt badly by the late February freeze. Some of the other spring potatoes were also hurt by the same freeze. The spring potatoes grown in other areas of the State had an average yield of 200 cwt per acre, down 10 cwt from a year earlier. The winter crop averaged 190 cwt, 10 cwt lower than 1988.

The "red-skinned" varieties are the dominant potatoes grown for winter harvest in south Florida. Most of the winter crop is sold for table stock but a few sales are to the potato chip industry. In the Hastings area, the "white-skinned" varieties dominate. Most of the Hastings production goes to the potato chip industry. These are our Memorial Day chips!

The first winter potatoes were planted in the southeast and southwestern areas around mid-October. Planting in Dade County started the last week of October. Harvesting started in late January and was active during February through April. Planting of the spring crop commenced in early December in the west central area and was underway in the Hastings area by the end of the first week in January. The potato crop in the Hastings area was progressing rapidly until a freeze hit February 24 and 25. Almost all of the above ground vines were killed. Fields where the crop did not make reasonable recovery were replanted. If the demand had not been so good, many of these fields would not have been replanted. Harvest commenced in the west central area in March, in the Hastings area in April and was completed by late June.

SPINACH
1988-89

Spinach statistics have not been published separately for Florida in recent years to avoid disclosure of individual operations. Data for these seasons, however have been included in the "Other Vegetable" series shown in this publication. Data for 1973 and earlier are available upon request. Harvested acreage for 1989 was unchanged from a year earlier. Most of the crop is grown in the north central area.

SQUASH
1988-89

Florida's production of squash during the 1988-89 season, at 3.8 million bushels, was 11 percent above last year. The total of 13,650 acres harvested was slightly less than the previous year and continued a 4 year downward trend. While harvested acreage has been trending down, yields have been trending up, and at a faster pace. The 277 bushel average yield was 34 bushels higher than the prior record established a year earlier.

The season average price of $9.50 per bushel was $2.30 below that of 1987-88. The record production was not enough to offest the lower price; therefore, the total value of the crop, at just under $36 million, was 10 percent less than a year earlier and was the lowest since the 1984-85 crop.

Florida produces acorn, butternut, yellow crookneck, yellow straightneck, white, and zucchini squash. Dade County, with around one-third of the harvested acreage, produces yellow crookneck exclusively. The Pompano area, in addition to being a major producing area, is also an important market for squash grown in other areas of the State. This is especially true when local supplies reach low levels during the winter months. The southwest area produces a continuous supply of most types. Central, north, and west Florida provide a good volume of most types during the fall and spring seasons.

Squash is one of the few crops grown in Florida that is shipped every month of the year, although shipments during the summer are light and mostly confined to local markets. The 1988-89 season was underway by mid-September in the west central area. Early volume was reduced by excessive rain and flooding in this area. Growers, by the first of October, were picking in the southeast and Homestead areas followed shortly thereafter by the southwest. Marketings peaked during November, dipped a bit in December, then peaked once again in January.

A late February freeze did considerable damage to crops in most all areas except the west central area which had just started planting the spring crop. March shipments, as a percent of total crop, were down 50 percent from the most recent 5 year average for March.

Weather for the remainder of the crop year was generally favorable. Weather was a bit hot by mid-May and excessive rain in western and northern areas in early June helped end the season. All in all, most areas had a relatively good year in terms of yields.

RADISHES
1988-89

Radishes planted by Florida growers totaled 28,200 acres during the 1988-89 crop year while harvested acreage amounted to 27,000 acres. This compares with 28,000 acres planted and 26,300 acres harvested during the 1987-88 season. Yield per acre averaged 235 cartons per acre compared with 192 cartons per acre averaged during the previous season. Production at 6,345,000 cartons was 26 percent above the 5,050,000 cartons produced during the 1987-88 season. The 1988-89 season marks the first year that production increased from the previous season since the 1984-85 season. The crop was valued at almost 20 million dollars, up over 1.3 million from the previous season's value. The average f.o.b. price was $3.15 per carton, down 55 cents from the 1987-88 season average price.

Seedings for the 1988-89 crop were underway by early September in the Everglades and central areas. Light harvest began in the central areas and the Everglades during early October. Harvest was delayed by some limited frost damage during mid-to-late December, and again during late February and early March in central areas with some heaving noted. The Everglades was the main source of supplies for most of March with the central area harvest back to normal by April. Growers had completed harvest by late June.

STRAWBERRIES
1988-89

Florida strawberry growers, for the third consecutive year, produced a record crop. Production totaled 11.5 million flats during the 1988-89 season, up 10 percent from the previous record crop of 10.4 million flats produced during the 1987-88 season. The record crop can be attributed to the new record high yield of 2,167 flats per acre realized by growers. This yield compares with the previous record yield of 2,083 flats per acre averaged during the 1987-88 season. Strawberry acreage harvested during the 1988-89 season at 5,300 acres was 300 acres higher than the previous season. Producers received a new record high average f.o.b. price of $8.03 per flat for the season, up 94 cents from the previous season price of $7.09 per flat, and 73 cents higher than the previous record high price of $7.30 per flat averaged during the 1986-87 season. Value of the crop at $92.2 million exceeded the previous record high value of $73.9 million attained for last season's crop.

Transplanting started in the west central area during late September with plantings for the main crop starting in early October. Broward County growers got plantings underway during mid-October while Dade County growers began transplantings during mid-November. Bradford County growers transplanted a small winter acreage during mid-November. Very light harvest got underway in the west central area during late November with wind from a tropical storm knocking some fruit off plants. Growers ran overhead sprinklers to limit frost damage during mid-to-late December. U-Pic harvest began around mid-December in the southeast and Dade County. Bradford County growers started picking in early February. Harvest of the main crop in west central areas started at the end of February. Spider mite infestations limited production in many fields, because a key pesticide normally used in their control was banned. Harvest was completed in all areas by early May.

Fifty-five percent of the 1988-89 strawberry crop was harvested during March, compared with 47 percent harvested in March 1988. A sharp drop in April sales was partly due to the previously mentioned spider mite infestations reducing yields. Only the May average price was below the comparable month's price for the previous season.

TOMATOES
1988-89

The value of the 1988-89 Florida tomato crop for fresh market and processing set a new record high of $657,288,000 for the fourth consecutive year. This value exceeded the previous record high value of $535,337,000 attained during the 1987-88 season. The f.o.b. price received for fresh market tomatoes averaged a new record high of $9.32 for a 25-pound carton, $2.32 above the previous season average of $7.00 per carton and $1.54 above the previous record high of $7.78 per carton averaged during the 1986-87 season.

Total production of 71.4 million 25-pound carton equivalents was 8 percent below the 1987-88 record high production of 77.4 million cartons. Tomatoes utilized for fresh production accounted for 99 percent of total production while processing tomatoes made up the remaining 1 percent. The southwest area accounted for 39 percent of total fresh production while 28 percent came from the Palmetto-Ruskin area. Dade County made up 16.5 percent of the total production. East Coast (formerly known as Ft. Pierce-Pompano) produced 11.5 percent. The remaining 5 percent of the tomato crop was produced in the western counties plus some scattered acreages in a few north central counties. A seven percent increase in the acreage harvested, from 56,800 acres the previous season to 60,700 acres in 1988-89, offset a 184 carton drop in yield, from 1,344 to 1,160 cartons per acre.

Average monthly prices received for fresh market tomatoes during the 1988-89 season held above $7.00 for all months except December. Producers received the highest average monthly price of $13.95 per carton in April, while the lowest monthly price of $3.93 per carton was received in December.

Tomato transplanting began during August in all areas. Seedings in Dade County also began in August. Tropical weather systems triggered abundant showers and delayed some planting over all south Florida tomato producing areas during mid-to-late August. A tropical storm, which was a remnant of Tropical Storm Florence, passed during mid-September and dropped copious amounts of precipitation over the Palmetto-Ruskin area which caused growers to replant a considerable amount of acreage, reduced fall yields due to the shedding of bottom leaves and blooms, and increased the incidence of disease. Dade County and East Coast growers received no significant damage from winds caused by Hurricane Gilbert that gusted up to 35 miles per hour during late September. Palmetto-Ruskin fall crop transplantings and replantings were finished by early October. Growers in the western counties began harvest during late September and early October with scattered frost during mid-October causing virtually no damage. Palmetto-Ruskin growers started picking during mid-October while southwestern and East Coast fields were first picked during late month. Growers in the western counties virtually completed commercial fall crop picking by mid-November while Dade County producers started harvesting. Winds from Tropical Storm Keith caused scattered, mostly minor damage to tomatoes during late November with a limited amount of plants and stakes blown down. Frosts during late December caused some light leafburn in the southwest, but virtually no damage to Dade and East Coast crops, while a heavy frost in the Palmetto-Ruskin area brought the fall crop harvest to a halt.

Very limited rainfall during December, January, and most of February caused some irrigation wells to dry up when water tables became low, especially in southwestern localities. Palmetto-Ruskin growers began spring crop transplantings during early January while Dade County producers finished seedings. Warm days and mild nights throughout January and most of February speeded fruit development in all areas. A late February freeze accompanied by gusty winds killed plants, especially in the Palmetto-Ruskin area, with producers resetting most lost acreage. The late February freeze also caused some heavy bloom loss and fruit droppage, especially in southwestern localities with some leaf and vine burn reported for Dade County and the East Coast.

Growers in the western counties began transplanting during early March. Producers welcomed the warm temperatures and rains that fell during early March. Cool temperatures during mid-March slowed some plant growth and fruit development. Temperatures, however, remained normal to above normal during the rest of March until the end of the season (June). Rainfall remained limited from mid-March through June.

Palmetto-Ruskin growers began spring crop harvest during early April while Dade County growers ended the season. Producers in western counties finished plantings around mid-April. East Coast and southwestern producers continued harvest until late May. Growers in western counties began picking during early June. Rain hampered the north Florida harvest and reduced yields during June. Palmetto-Ruskin harvest was reduced to picking vine-ripes and processing fruit at the end of June. Producers in the western counties marketed fruit through mid-July.

WATERMELONS
1988-89

Watermelon acreage planted during the 1988-89 season totaled 58,000 acres--an increase of 1 percent from the 1987-88 season. Of the total acres planted, 50,000 acres were harvested. This was a 200 acre increase over the previous year's harvested acreage. The crop of 8.5 million cwt was 8 percent less than last season's production of 9.2 million cwt. The average yield for the State was 170 cwt per acre, down 8 percent from the previous year.

The average price received was $5.30 per cwt, down from last season's $6.79. Prices received by growers for melons were highest in the south and west central areas where the earliest melons are harvested. Total value of the crop was $45.0 million. This was 28 percent below last year's value of $62.6 million.

A small acreage of fall watermelons is grown in the south and scattered central areas. These melons are harvested in November and December, depending on weather conditions. This acreage and production is included in the spring crop. Some light planting of the spring crop was underway by late December in the southwest area, becoming very active in January. The crop made good progress until the freezing temperatures of February 24 and 25 caused light to moderate damage in the southwest, heavy damage in the west central, and killed all unprotected fields in the north and north central areas. Heavy replanting was done. This replanting set the expected harvest of the crop back. Harvest started in late March in the southwest. Harvest in the west central area started the last week of April. Harvest started in the southern part of the north/north central area by the end of May. In mid-June, heavy rains in the Panhandle flooded watermelon fields and hampered harvest for the rest of the season. Commercial harvest was essentially over by mid-July for Florida watermelons.

OTHER CROPS
1988-89

Cantaloups are grown in Florida primarily in the spring and summer in the southwest and north central areas. Much of the production is sold through roadside stands and local markets. The peak harvest period is normally May and June. Harvest begins in the southwest and progresses northward seasonally. Some cantaloups also are grown during the fall months in the southwest and west central areas. Acreage continues at a relatively low level. This crop is not part of the regular program for vegetable and melon statistics. Researchers continue to work toward developing new varieties that will be better adapted to Florida's soils and climate. There appears to be some promise that acreage may expand in the future.

Cauliflower is grown in the Zellwood, Hillsborough-Manatee, and Everglades areas. Acreage increased from a year earlier reversing the downward trend of the past few years. Reduced yields, however, lowered total production. Supplies are available from late November through early May. At the present time, statistics are not available for publication. Shipment information is recorded by the Market News Service. In the 1988-89 season, there were 29.3 thousand cwt (117 thousand 25-pound cartons) shipped out of the State compared with 62.5 thousand cwt shipped the previous season.

Tropical vegetable production during the 1988-89 season was virtually unchanged from the previous year. By far the majority of the acreage is grown in Dade County. Commercial production began in the early 60's. Tropical vegetables is a colloquial expression applied to certain vegetables eaten primarily by those of Latin American and Caribbean origin. The most common name for each crop followed by the scientific name is listed below. Other common terms for various vegetables are shown in parentheses. The crops consist primarily of boniato-Ipomea batata (sweet potato); calabaza-Cucurbita (pumpkin); malanga-Xanthosoma caracu or Colocasia esculenta (dasheen, yautia); and cassava-Manihot esculenta (crantz, yucca, tapioca). The boniato, Calabaza, and Malanga constitute the bulk of the production. The Dade County Agricultural Extension Service reported 14,100 acres of tropical vegetables planted in the 1988 calendar year. Peak production of malanga occurs in February through April. Efforts are being made to provide more even supplies throughout the year. Available land continues to be a limiting factor for all agricultural production in Dade County. New varieties of calabaza are being brought in from Columbia, South America to select those that do best in south Florida. Miami is an important point of consumption for the Florida production. Also, considerable amounts are consumed in the Tampa Bay area. The supplies shipped out of State are primarily for the New York City and Philadelphia areas.

Collard, turnip, mustard, and other greens are grown throughout the State and centered around large population areas and in the muck soils of the Everglades and Zellwood areas. A fair volume was available from January through April with the final shipments made in early May. Shipments totaled 33 thousand cwt during the 1988-89 season, down 43 percent from a year earlier.

Okra is grown in many areas of the State during the warm season of the year. However, Dade County produces okra for local use as well as for shipments to other States. Peak production takes place in May and June with a good supply in October and November.

Green onions and leeks are produced in the north central area. Supplies are marketed primarily for local use at roadside stands and markets. There are several large producers who ship to other States. Supplies of dry onions are limited. Most of the dry onions are produced in southern and west central areas of the State.

Parsley is available in both the curley and plain types. The bulk of the commercial volume shipped to other States is produced in the Everglades and Zellwood areas. Light supplies sold for local use are available from Sarasota, Lake Placid, and other areas.

Southern peas are grown primarily in the northwest, west central, and Everglades areas of Florida. Dade County also produces a considerable amount of southern peas. Light supplies are generally available from September through December. Heavy movement occurs in April and May, especially in northwest Florida. A high percentage of the crop is utilized for processing. Good supplies are sold through local markets for fresh use. Market News Service shipment statistics for out-of-State markets show 24 thousand cwt for fresh market during the 1988-89 season, up slightly from the previous year.

Watercress is available the year around. The major source of supply is the Fellsmere area. Most of the production is shipped to northern and eastern markets in the United States. A limited supply is available from local State farmers' markets, especially the Sanford market.

Vegetables, melons, potatoes, and strawberries: Acreage, yield, production and value, Florida, crop years 1987-88 and 1988-89

Crop	Planted acreage		Harvested acreage		Yield per acre	
	1987-88	1988-89	1987-88	1988-89	1987-88	1988-89
	Acres				Cwt	
Vegetables:						
Snap beans 1/	31,350	30,400	30,350	28,100	45	42
Cabbage	17,100	15,900	15,600	15,500	210	209
Carrots 1/	12,700	9,700	12,200	9,400	97	100
Celery	8,900	8,800	7,900	8,300	454	432
Sweet corn	59,100	58,700	55,300	51,000	97	89
Cucumbers	15,600	15,250	14,850	13,900	212	247
Eggplant	2,200	2,100	2,100	2,000	220	267
Escarole	4,900	4,500	4,700	4,250	137	138
Lettuce	12,600	12,100	11,700	11,300	203	193
Green Peppers	21,500	21,900	20,400	20,900	182	168
Radishes	28,000	28,200	26,300	27,000	29	35
Squash	14,700	15,200	14,000	13,650	102	116
Tomatoes 1/	57,000	62,500	56,800	60,700	340	294
Total	285,650	285,250	272,200	266,000	—	—
Other vegetables 2/	45,410	44,695	41,600	40,850	116	103
Watermelons	57,500	58,000	49,800	50,000	185	170
Potatoes	36,900	43,600	36,100	42,600	226	195
Strawberries	5,000	5,300	5,000	5,300	250	260
Total, all crops	430,460	436,845	404,700	404,750	—	—

	Production		Value per cwt		Total value	
	1987-88	1988-89	1987-88	1988-89	1987-88	1988-89
	1,000 Cwt		Dollars per cwt		1,000 Dollars	
Vegetables:						
Snap beans 1/	1,364	1,181	39.80	46.20	54,300	54,565
Cabbage	3,280	3,240	9.00	9.40	29,559	30,433
Carrots 1/	1,183	940	11.40	16.00	13,486	15,040
Celery	3,588	3,587	13.30	15.40	47,858	55,302
Sweet corn	5,381	4,536	13.30	17.30	71,551	78,382
Cucumbers	3,144	3,440	17.40	18.00	54,778	61,837
Eggplant	463	534	22.10	21.40	10,253	11,413
Escarole	643	586	19.60	16.40	12,619	9,607
Lettuce	2,380	2,180	25.10	19.10	59,768	41,558
Green peppers	3,705	3,517	25.10	31.30	93,044	110,181
Radishes	758	952	24.70	21.00	18,685	19,987
Squash	1,429	1,590	28.10	22.60	40,144	35,958
Tomatoes 1/	19,347	17,860	27.70	36.80	535,337	657,288
Total	46,665	44,143	—	—	1,041,382	1,181,551
Other vegetables 2/	4,842	4,204	21.80	22.10	105,686	92,853
Watermelons	9,213	8,500	6.80	5.30	62,556	45,050
Potatoes 3/	8,134	8,236	5.65	15.50	45,966	127,658
Strawberries	1,250	1,378	59.10	66.90	73,875	92,188
Total, all crops	70,104	66,461	—	—	1,329,467	1,539,300

1/ Fresh & processing. 2/ Other fresh and processing vegetables, cantaloups, and processing cucumbers. 3/ Production sold.

Vegetables, melons, potatoes, and strawberries: Harvested acreage, Florida, crop years 1974-75 through 1988-89 1/

Crop year	Harvested acreage				
	Vegetables	Watermelons	Potatoes	Strawberries	Total
			Acres		
1974-75	286,350	43,600	27,500	1,200	358,650
1975-76	296,700	55,000	31,000	1,400	384,100
1976-77	283,350	51,000	30,100	1,500	365,950
1977-78	318,400	50,000	32,300	2,000	402,700
1978-79	324,950	43,000	28,000	2,400	398,350
1979-80	324,800	42,500	27,300	2,500	397,100
1980-81	315,500	49,000	29,900	3,200	397,600
1981-82	304,470	48,000	29,900	5,000	387,370
1982-83	318,190	49,000	31,300	5,400	403,890
1983-84	317,390	60,000	33,600	5,100	416,090
1984-85	320,780	54,000	35,100	5,300	415,180
1985-86	312,300	47,550	32,600	4,900	397,350
1986-87	309,625	46,100	35,700	4,900	396,325
1987-88	313,800	49,800	36,100	5,000	404,700
1988-89	306,850	50,000	42,600	5,300	404,750

Vegetables, melons, potatoes, and strawberries: Value of production, Florida, crop years 1974-75 through 1988-89 1/

Crop year	Value of production				
	Vegetables	Watermelons	Potatoes	Strawberries	Total
			1,000 dollars		
1974-75	417,866	35,168	24,813	8,375	486,222
1975-76	447,735	25,839	41,931	8,862	524,367
1976-77	482,974	26,507	41,670	8,960	560,111
1977-78	553,785	26,800	35,171	16,646	632,402
1978-79	669,297	32,250	30,435	22,157	754,139
1979-80	678,194	46,549	36,217	27,930	788,890
1980-81	709,148	52,714	73,001	27,888	862,751
1981-82	759,940	54,648	62,272	52,358	929,218
1982-83	926,317	58,212	56,011	52,531	1,093,071
1983-84	887,505	62,124	70,526	38,842	1,058,997
1984-85	830,987	53,336	74,687	61,268	1,020,278
1985-86	980,231	54,506	67,639	50,157	1,152,533
1986-87	1,107,614	69,774	114,420	67,062	1,358,870
1987-88	1,147,068	62,556	46,202	73,875	1,329,701
1988-89	1,274,404	45,050	129,043	92,188	1,540,685

1/ Vegetable crops include snap beans, cabbage, carrots, celery, sweet corn, cucumbers, eggplant, escarole, lettuce, green peppers, squash, tomatoes, radishes, spinach, other fresh and processing vegetables, and cantaloups.

Snap beans: Acreage and yield, Florida, crop years 1974-75 through 1988-89 1/

Crop year	Planted			Harvested			Yield per acre		
	Total	Fresh	Proc	Total	Fresh	Proc	Fresh & proc	Fresh	Proc
	Acres						Bushels		
1974-75		36,500			35,300			120	
1975-76		38,900			37,500			119	
1976-77	51,500	39,600	11,900	40,000	29,500	10,500	127	125	133
1977-78	54,000	40,500	13,500	51,000	39,000	12,000	109	101	133
1978-79	60,800	45,700	15,100	54,100	40,600	13,500	117	102	163
1979-80	56,900	48,900	8,000	54,300	47,000	7,300	94	89	129
1980-81	50,800	49,100	1,700	42,600	41,100	1,500	86	85	133
1981-82	52,600	50,400	2,200	48,300	46,300	2,000	83	82	100
1982-83	49,350	48,700	650	47,000	46,400	600	90	90	100
1983-84	48,900	46,200	2,700	46,500	44,000	2,500	97	96	100
1984-85	49,600	48,200	1,400	46,900	45,700	1,200	87	87	100
1985-86	39,800	39,500	300	38,170	37,900	270	107	106	133
1986-87	35,350	35,100	250	34,250	34,000	250	127	127	100
1987-88	31,350	30,400	950	30,350	29,400	950	150	150	134
1988-89	30,400	28,200	2,200	28,100	25,900	2,200	140	138	167

Snap beans: Production and value, Florida, crop years 1974-75 through 1988-89 1/

Crop year	Production		Value per bushel		Total value	
	Fresh	Proc	Fresh	Proc	Fresh	Proc
	1,000 bushels		Dollars		1,000 dollars	
1974-75	4,243		6.14		26,038	
1975-76	4,453		5.74		25,560	
1976-77	3,680	1,400	6.29	2.76	23,136	3,864
1977-78	3,957	1,600	8.06	2.48	31,889	3,960
1978-79	4,140	2,196	7.58	2.22	31,386	4,875
1979-80	4,173	939	8.11	2.97	33,861	2,790
1980-81	3,473	200	10.39	3.45	36,089	690
1981-82	3,786	200	10.33	3.00	39,112	600
1982-83	4,154	60	10.60	3.00	44,041	180
1983-84	4,210	250	9.22	4.50	38,824	1,125
1984-85	3,960	120	8.99	4.50	35,592	540
1985-86	4,028	36	10.23	3.19	41,194	115
1986-87	4,321	25	11.46	2.96	49,536	74
1987-88	4,419	127	12.20	3.17	53,897	403
1988-89	3,568	367	14.85	4.33	52,977	1,588

1/ Data prior to crop years 1976-77 for the processing segment are not published separately in order to avoid disclosing individual operations but included in "other" vegetables.

Snap beans: Production sold, for fresh market monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
1,000 bushels										
1984-85	73	607	800	520	73	323	1,067	497	—	**3,960**
1985-86	64	577	680	517	416	494	681	558	41	**4,028**
1986-87	80	570	538	484	439	745	863	543	59	**4,321**
1987-88	58	448	543	645	558	607	939	578	43	**4,419**
1988-89	79	512	468	499	557	407	515	495	36	**3,568**
Percent										
1984-85	1.9	15.3	20.2	13.1	1.8	8.2	26.9	12.6	—	**100.0**
1985-86	1.6	14.3	16.9	12.8	10.3	12.3	16.9	13.9	1.0	**100.0**
1986-87	1.8	13.2	12.4	11.2	10.2	17.2	20.0	12.6	1.4	**100.0**
1987-88	1.3	10.1	12.3	14.6	12.6	13.7	21.3	13.1	1.0	**100.0**
1988-89	2.2	14.4	13.1	14.0	15.6	11.4	14.4	13.9	1.0	**100.0**

Snap beans: Average value per bushel for fresh market sales, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Average
Dollars										
1984-85	5.75	12.10	7.90	11.55	14.15	15.40	6.40	5.55	—	**8.99**
1985-86	10.95	10.20	7.70	11.55	10.20	10.05	10.65	11.60	11.40	**10.23**
1986-87	13.60	8.00	8.50	12.20	14.80	9.55	11.80	16.50	11.20	**11.46**
1987-88	18.40	13.60	13.40	11.40	10.80	14.80	10.00	12.60	10.00	**12.20**
1988-89	11.10	10.40	13.90	13.00	15.20	17.60	18.10	16.70	15.80	**14.85**

Snap beans: Acreage and production for fresh market by areas, Florida, 1988-89 crop year

Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Bushels	1,000 bushels
West	500	500	184	92
North Central 1/				
North	3,300	3,150	219	690
West Central	1,800	1,700	140	238
East Central	--	--	--	--
Southwest	--	--	--	--
Everglades 2/				
Southeast	22,600	20,550	124	2,548
State	28,200	25,900	138	3,568

1/ Included with north. 2/ Included with southeast.

Snap beans: Acreage harvested for fresh market by selected counties, Florida, crop years 1983-84 through 1988-89

Counties	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
	Acres					
Alachua	1,900	2,000	1,800	1,800	2,000	1,500
Broward	2,800	3,200	1,250	1,000	500	300
Dade (bush)	18,000	18,800	20,000	18,500	18,000	16,500
Dade (pole)	3,100	3,000	3,000	2,450	2,200	2,000
Gadsden	500	550	200	250	200	150
Hillsborough	1,400	1,600	1,800	1,500	1,300	1,100
Palm Beach (East)	13,000	13,700	6,800	5,500	3,150	1,650
Palm Beach (West) 1/						
Other counties	3,300	2,850	3,050	3,000	2,050	2,700
State	44,000	45,700	37,900	34,000	29,400	25,900

1/ Included with other counties.

Cabbage: Acreage, production, and value, Florida, crop years 1974-75 through 1988-89

Crop year	Acreage: Planted	Acreage: Harvested	Yield per acre	Production	Value per crate	Total value
	Acres		Crates	1,000 crates	Dollars	1,000 dollars
1974-75	17,400	16,900	564	9,528	2.74	26,115
1975-76	18,200	17,200	512	8,798	2.19	19,262
1976-77	17,100	16,300	480	7,828	6.16	48,225
1977-78	17,700	16,500	418	6,904	4.33	29,873
1978-79	18,300	17,800	501	8,912	5.82	51,907
1979-80	18,600	15,800	481	7,600	2.88	21,866
1980-81	17,600	15,800	487	7,696	3.52	27,115
1981-82	16,500	14,200	436	6,191	5.43	33,611
1982-83	16,300	14,700	464	6,824	3.32	22,687
1983-84	19,000	11,000	449	4,937	8.25	40,736
1984-85	19,600	16,650	491	8,174	6.21	50,775
1985-86	18,850	14,400	409	5,891	4.53	26,714
1986-87	16,600	13,300	427	5,677	4.62	26,202
1987-88	17,100	15,600	421	6,560	4.51	29,559
1988-89	15,900	15,500	418	6,480	4.70	30,433

Cabbage: Production sold, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
					1,000 crates				
1984-85	33	662	1,569	1,120	1,349	2,019	1,349	73	8,174
1985-86	35	513	760	872	1,072	1,661	943	35	5,891
1986-87 1/	37	600	741	915	1,180	1,284	838	82	5,677
1987-88	40	485	1,000	1,078	1,591	1,404	900	62	6,560
1988-89	39	584	1,027	1,188	1,667	1,283	652	40	6,480
					Percent				
1984-85	.4	8.1	19.2	13.7	16.5	24.7	16.5	.9	100.0
1985-86	.6	8.7	12.9	14.8	18.2	28.2	16.0	.6	100.0
1986-87 1/	.7	10.6	13.0	16.1	20.8	22.6	14.8	1.4	100.0
1987-88	.6	7.4	15.3	16.4	24.3	21.4	13.7	.9	100.0
1988-89	.6	9.0	15.9	18.3	25.7	19.8	10.1	.6	100.0

1/ October included with November.

Cabbage: Average value per crate for fresh market sales, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Average
					Dollars				
1984-85	5.90	5.75	6.50	7.35	7.15	5.25	5.00	4.70	6.21
1985-86	4.75	6.75	6.80	4.10	3.80	3.45	4.60	4.40	4.53
1986-87 1/	5.56	4.60	5.05	3.75	4.10	4.65	5.60	6.65	4.62
1987-88	4.05	4.00	4.70	4.40	3.55	5.40	4.95	4.90	4.51
1988-89	4.50	4.60	3.90	4.25	4.50	5.20	6.30	6.30	4.70

1/ October included with November.

Cabbage: Acreage and production by areas, Florida, 1988-89 crop year

Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Crates	1,000 crates
Hastings	4,400	4,300	430	1,849
Other North & West	300	300	370	111
North Central	2,100	2,000	440	880
East & West Central	6,100	6,000	390	2,335
South	3,000	2,900	450	1,305
State	15,900	15,500	418	6,480

Cabbage: Acreage harvested by selected counties, Florida, crop years 1983-84 through 1988-89

Counties	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
			Acres			
Flagler	1,300	2,100	2,500	3,500	3,300	2,500
Hillsborough	200	300	350	400	500	800
Lake & Orange	800	1,100	800	800	1,000	600
Manatee	300	450	650	1,100	1,400	3,400
Putnam	1,800	2,400	1,800	1,000	1,000	800
Seminole	1,000	1,600	850	700	600	700
St. Johns	3,000	3,000	2,000	800	1,000	1,000
Volusia	500	800	500	400	500	400
Other counties	2,100	4,900	4,950	4,600	6,300	5,300
State	11,000	16,650	14,400	13,300	15,600	15,500

Carrots: Acreage, production and value, Florida, crop years 1981-82 through 1988-89

Crop year	Acreage: Planted	Acreage: Harvested	Yield per acre	Production	Value per cwt	Total value
	Acres		Cwt	1,000 cwt	Dollars	1,000 dollars
1981-82	10,500	9,400	98	921	14.30	13,170
1982-83	10,600	10,000	110	1,100	10.50	11,550
1983-84	12,000	10,600	69	731	14.60	10,673
1984-85	12,500	11,500	92	1,058	10.30	10,897
1985-86	13,000	12,300	69	849	13.00	11,037
1986-87	12,600	12,100	88	1,065	10.80	11,502
1987-88	12,700	12,200	97	1,183	11.40	13,486
1988-89	9,700	9,400	100	940	16.00	15,040

Carrots: Production sold, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Season total
					1,000 cwt				
1984-85	11	32	211	233	159	201	169	42	1,058
1985-86	8	34	85	102	153	187	187	93	849
1986-87	11	32	160	224	255	181	138	64	1,065
1987-88	12	59	166	201	260	236	154	95	1,183
1988-89	9	103	160	207	188	132	113	28	940
					Percent				
1984-85	1.0	3.0	20.0	22.0	15.0	19.0	16.0	4.0	100.0
1985-86	1.0	4.0	10.0	12.0	18.0	22.0	22.0	11.0	100.0
1986-87	1.0	3.0	15.0	21.0	24.0	17.0	13.0	6.0	100.0
1987-88	1.0	5.0	14.0	17.0	22.0	20.0	13.0	8.0	100.0
1988-89	1.0	11.0	17.0	22.0	20.0	14.0	12.0	3.0	100.0

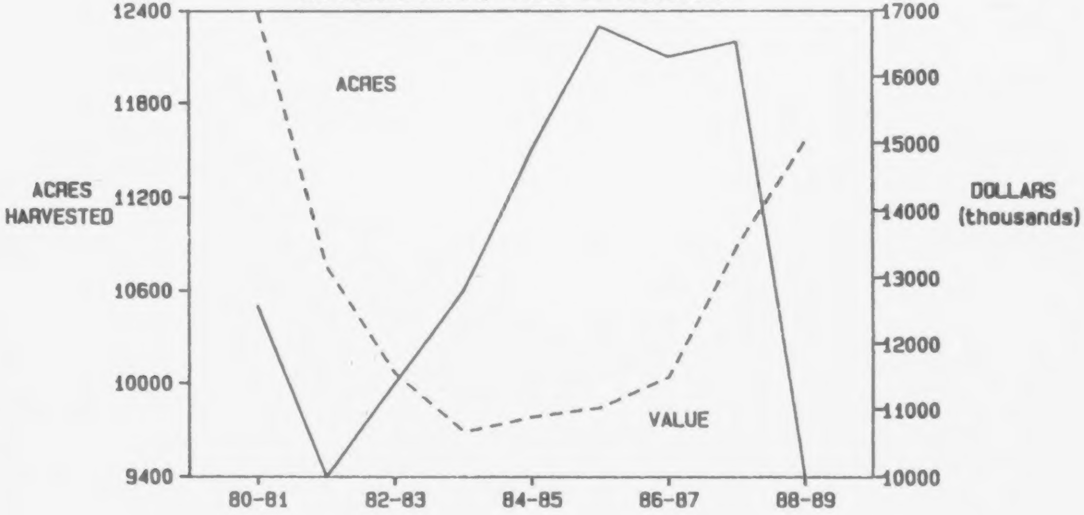
Carrots: Average value per hundredweight for fresh market sales, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Season total
					Dollars				
1984-85	9.70	10.30	9.90	11.40	10.10	10.40	9.10	11.60	10.30
1985-86	14.70	23.60	17.10	11.20	11.40	12.90	12.00	12.20	13.00
1986-87	40.30	16.10	13.30	9.00	8.70	10.10	11.30	13.20	10.80
1987-88	42.90	12.50	10.30	11.30	9.00	11.50	14.50	10.20	11.40
1988-89	21.10	13.20	11.40	11.50	14.30	21.30	26.40	28.10	16.00

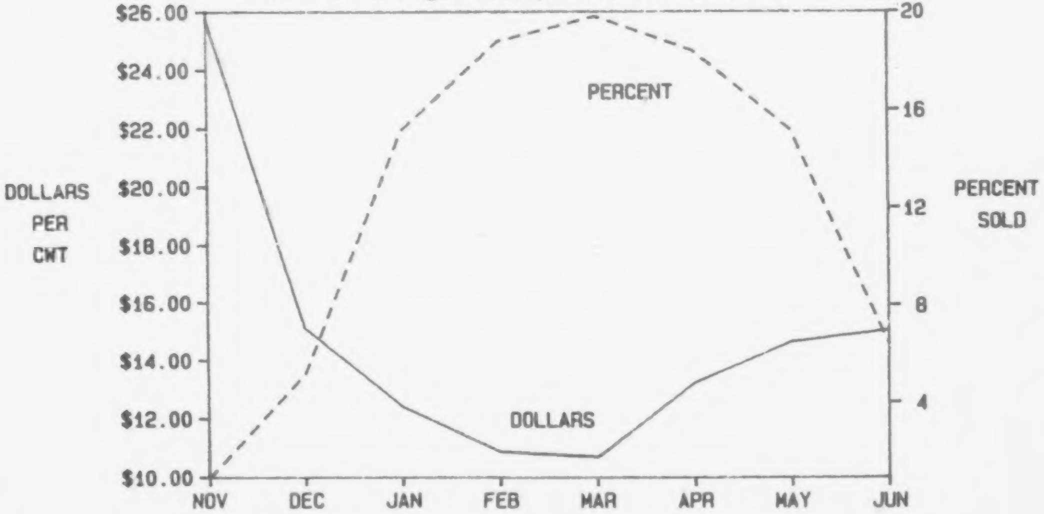
Carrots: Acreage harvested by areas, Florida,
crop year 1983-84 through 1988-89

Areas	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
			Acres			
Central	9,200	10,100	9,200	9,000	8,700	7,900
Everglades	1,400	1,400	3,100	3,100	3,500	1,500
State	10,600	11,500	12,300	12,100	12,200	9,400

CARROTS: 1980-81 THROUGH 1988-89
Harvested Acres, Value of Production



CARROTS: 1984-85 THROUGH 1988-89
Five Year Average Monthly Price & Percent Sold



Celery: Acreage, production, and value, Florida, crop years 1974-75 through 1988-89

Crop year	Acreage		Yield per acre	Production	Value per crate	Total value
	Planted	Harvested				
	Acres		Crates	1,000 crates	Dollars	1,000 dollars
1974-75	11,500	10,600	655	6,940	3.73	25,877
1975-76	10,400	9,700	687	6,665	6.14	40,930
1976-77	10,700	10,100	578	5,833	6.70	39,082
1977-78	11,300	10,900	588	6,410	7.36	47,178
1978-79	12,300	11,700	695	8,135	6.78	55,142
1979-80	12,700	12,200	673	8,210	5.70	46,774
1980-81	11,700	10,400	605	6,291	7.09	44,613
1981-82	10,100	9,500	537	5,097	7.58	38,639
1982-83	9,700	9,400	666	6,257	8.77	54,880
1983-84	9,500	9,200	672	6,180	10.44	64,546
1984-85	9,300	8,600	665	5,720	6.38	36,515
1985-86	9,400	8,500	695	5,910	7.36	43,519
1986-87	9,100	8,500	705	5,993	7.09	42,494
1987-88	8,900	7,900	757	5,980	8.00	47,858
1988-89	8,800	8,300	716	5,939	9.25	54,915

Celery: Production sold, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
						1,000 crates				
1984-85	445	695	733	642	917	1,007	1,098	183	—	5,720
1985-86	293	727	706	672	912	1,031	1,098	471	—	5,910
1986-87	268	612	651	853	937	959	1,157	518	38	5,993
1987-88	226	682	743	818	949	1,013	1,099	450	—	5,980
1988-89	212	925	840	765	842	941	1,186	228	—	5,939
						Percent				
1984-85	7.8	12.2	12.8	11.2	16.0	17.6	19.2	3.2	—	100.0
1985-86	5.0	12.3	11.9	11.4	15.4	17.4	18.6	8.0	—	100.0
1986-87	4.5	10.2	10.9	14.2	15.7	16.0	19.3	8.6	.6	100.0
1987-88	3.8	11.4	12.4	13.7	15.9	16.9	18.4	7.5	—	100.0
1988-89	3.6	15.6	14.1	12.9	14.2	15.8	20.0	3.8	—	100.0

Celery: Average value per crate for fresh market sales, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Average
					Dollars					
1984-85	7.70	5.75	5.40	5.00	4.90	6.20	8.75	8.20	--	6.38
1985-86	9.30	6.00	7.02	5.64	5.82	8.94	8.76	7.50	--	7.36
1986-87	9.48	5.46	8.52	7.26	7.20	6.78	6.72	6.90	9.06	7.09
1987-88	6.30	7.32	11.16	8.58	4.95	7.74	9.30	7.50	--	8.00
1988-89	9.36	7.08	7.62	9.48	6.54	9.66	12.84	12.78	--	9.25

Celery: Acreage and production by areas, Florida, 1988-89 crop year

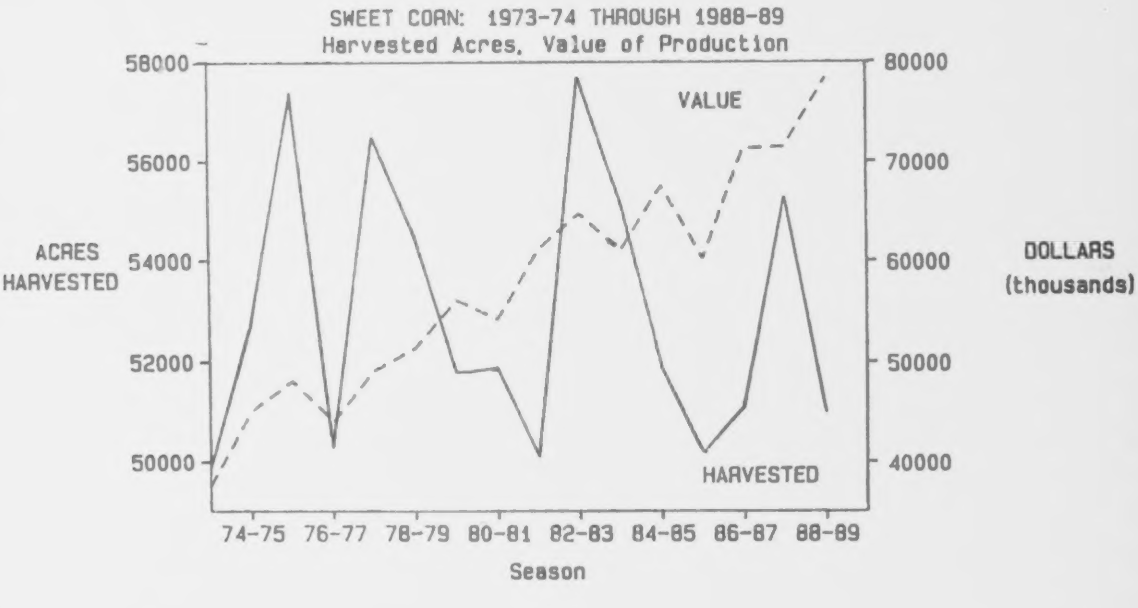
Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Crates	1,000 crates
Central	1,650	1,500	682	1,023
Everglades	7,150	6,800	723	4,916
State	8,800	8,300	716	5,939

Celery: Acreage harvested by areas, Florida, crop years 1983-84 through 1988-89

Areas	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
			Acres			
Central	1,700	1,700	1,700	1,550	1,550	1,500
Everglades	7,500	6,900	6,800	6,950	6,350	6,800
State	9,200	8,600	8,500	8,500	7,900	8,300

Sweet Corn: Acreage, production, and value, Florida, crop years 1974-75 through 1988-89

Crop year	Acreage Planted	Acreage Harvested	Yield per acre	Production	Value per crate	Total value
	Acres		Crates	1,000 crates	Dollars	1,000 dollars
1974-75	55,200	52,700	227	11,988	3.77	45,141
1975-76	60,400	57,400	231	13,243	3.64	48,182
1976-77	63,300	50,300	238	11,990	3.68	44,070
1977-78	64,000	56,500	224	12,674	3.89	49,238
1978-79	58,400	54,500	222	12,112	4.25	51,423
1979-80	57,200	51,800	215	11,157	5.03	56,138
1980-81	57,800	51,900	217	11,259	4.82	54,246
1981-82	55,400	50,100	215	10,764	5.68	61,167
1982-83	62,500	57,700	196	11,281	5.74	64,745
1983-84	59,900	55,200	198	10,936	5.58	61,016
1984-85	61,500	51,900	215	11,152	6.06	67,581
1985-86	59,500	50,200	211	10,598	5.69	60,270
1986-87	54,900	51,100	224	11,466	6.05	69,350
1987-88	59,100	55,300	232	12,812	5.58	71,551
1988-89	58,700	51,000	212	10,799	7.26	78,382



Sweet Corn: Production sold, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Oct 1/	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
					1,000 crates						
1984-85	770	1,115	446	357	2/	2/	1,327	4,494	2,465	178	11,152
1985-86	597	792	709	337	165	248	849	3,751	2,995	155	10,598
1986-87	449	894	652	343	247	450	1,689	3,560	2,931	251	11,466
1987-88	445	808	419	337	274	646	1,479	4,858	3,289	257	12,812
1988-89	262	433	429	244	311	405	638	4,996	2,861	220	10,799
					Percent						
1984-85	6.9	10.0	4.0	3.2	2/	2/	11.9	40.3	22.1	1.6	100.0
1985-86	5.6	7.5	6.7	3.2	1.6	2.3	8.0	35.4	28.2	1.5	100.0
1986-87	3.9	7.8	5.7	3.0	2.2	3.9	14.7	31.0	25.6	2.2	100.0
1987-88	3.5	6.3	3.3	2.6	2.1	5.0	11.6	37.9	25.7	2.0	100.0
1988-89	2.4	4.0	4.0	2.3	2.9	3.8	5.9	46.2	26.5	2.0	100.0

1/ September included with October. 2/ Sales under .1 percent of total sales for season.

Sweet Corn: Average value per crate for fresh market sales, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Average
					Dollars						
1984-85	4.85	4.75	5.85	6.45	--	--	6.15	7.05	5.05	6.95	6.06
1985-86	4.75	4.49	4.41	9.24	11.21	10.25	8.19	5.46	5.04	4.49	5.69
1986-87	8.06	5.67	5.17	6.59	11.68	8.02	6.72	5.59	5.54	4.24	6.05
1987-88	5.12	4.03	6.55	6.43	10.29	7.48	8.02	4.24	5.71	8.40	5.58
1988-89	9.20	9.53	6.22	10.63	8.36	11.26	11.00	6.22	6.93	6.93	7.26

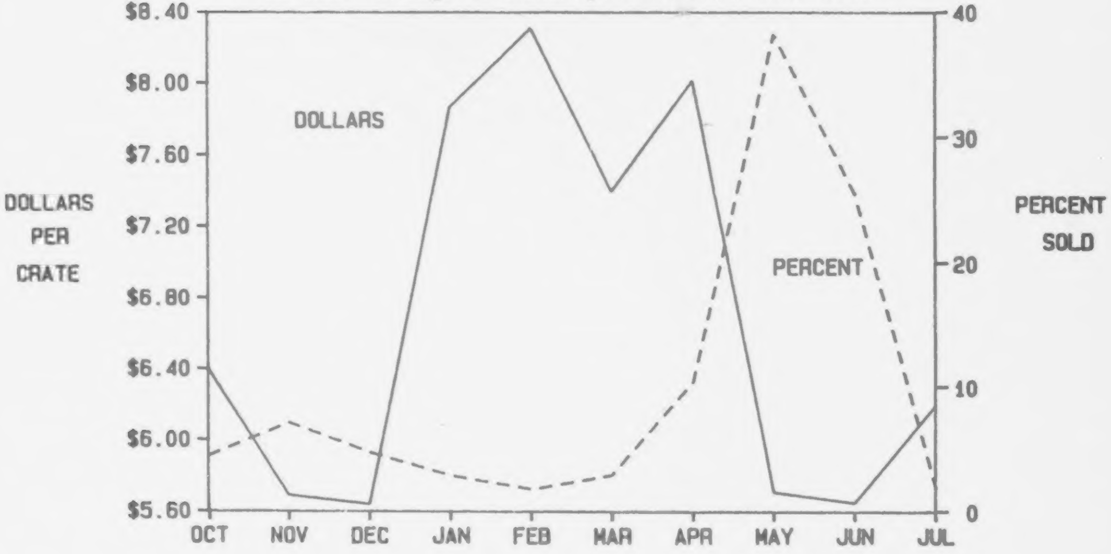
Sweet Corn: Acreage and production by areas, Florida, 1988-89 crop year

Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Crates	1,000 crates
West & North	2,450	2,300	336	773
Central	11,300	10,500	300	3,150
Everglades	32,200	27,900	180	5,022
Southeast & Southwest	12,750	10,300	180	1,854
State	58,700	51,000	212	10,799

Sweet Corn: Acreage harvested by areas, Florida, crop years 1983-84 through 1988-89

Areas	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
				Acres		
West & North	1,400	1,350	1,200	1,400	2,300	2,300
Central	14,400	15,050	15,850	14,650	14,500	10,500
Everglades	26,700	25,600	21,500	20,400	25,000	27,900
Southeast & Southwest	12,700	9,900	11,650	14,650	13,500	10,300
State	55,200	51,900	50,200	51,100	55,300	51,000

SWEET CORN: 1984-85 THROUGH 1988-89
Five Year Average of Monthly Price & Percent Sold



Cucumbers: Acreage and yield, Florida, crop years 1974-75 through 1988-89 1/

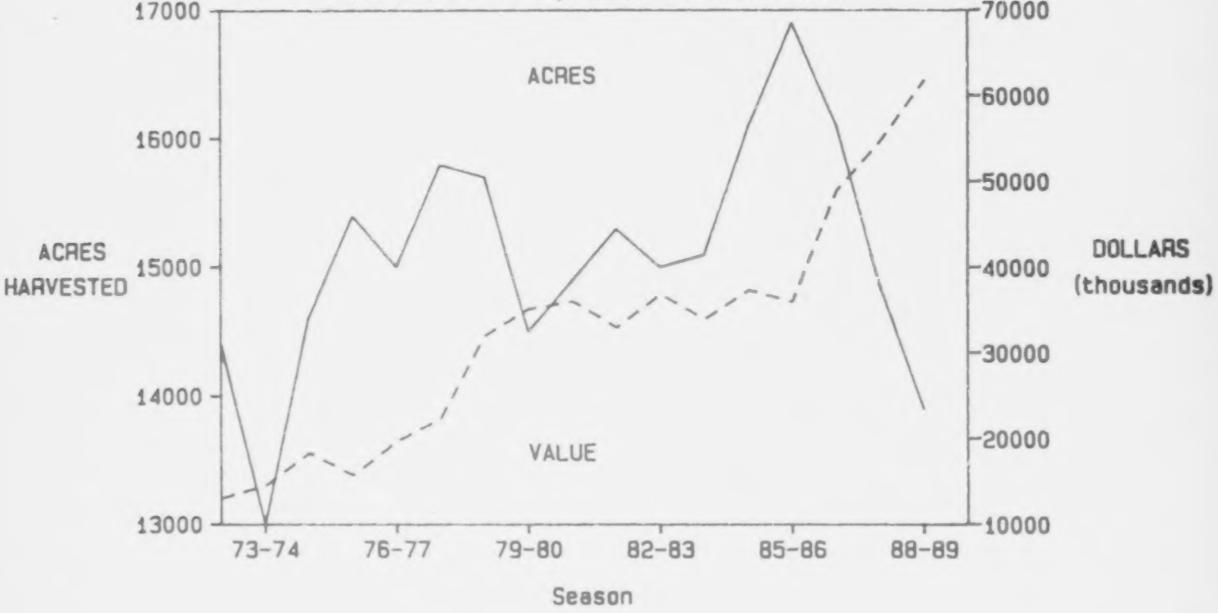
Crop year	Planted			Harvested			Yield per acre		
	Total	Fresh	Proc	Total	Fresh	Proc	Fresh & Proc	Fresh	Proc
	Acres						Bushels		
1974-75		15,000			14,600			241	
1975-76		16,000			15,400			246	
1976-77	22,200	16,100	6,100	20,700	15,000	5,700	203	221	155
1977-78	23,100	16,500	6,600	22,000	15,800	6,200	220	246	155
1978-79	23,300	16,600	6,700	22,000	15,700	6,300	238	268	164
1979-80	23,100	15,400	7,700	21,700	14,500	7,200	235	280	145
1980-81	21,200	15,800	5,400	19,900	14,900	5,000	241	273	145
1981-82		16,100			15,300			308	
1982-83		15,900			15,000			316	
1983-84	2,100	16,000	5,100	19,800	15,100	4,700	273	307	164
1984-85	22,000	16,800	5,200	20,900	16,100	4,800	293	326	182
1985-86	22,600	17,900	4,700	21,300	16,900	4,400	287	310	200
1986-87	21,200	17,200	4,000	20,000	16,100	3,900	304	324	218
1987-88	21,600	15,600	6,000	20,850	14,850	6,000	337	385	218
1988-89	17,950	15,250	2,700	16,600	13,900	2,700	408	450	193

Cucumbers: Production and value, Florida, crop years 1974-75 through 1988-89 1/

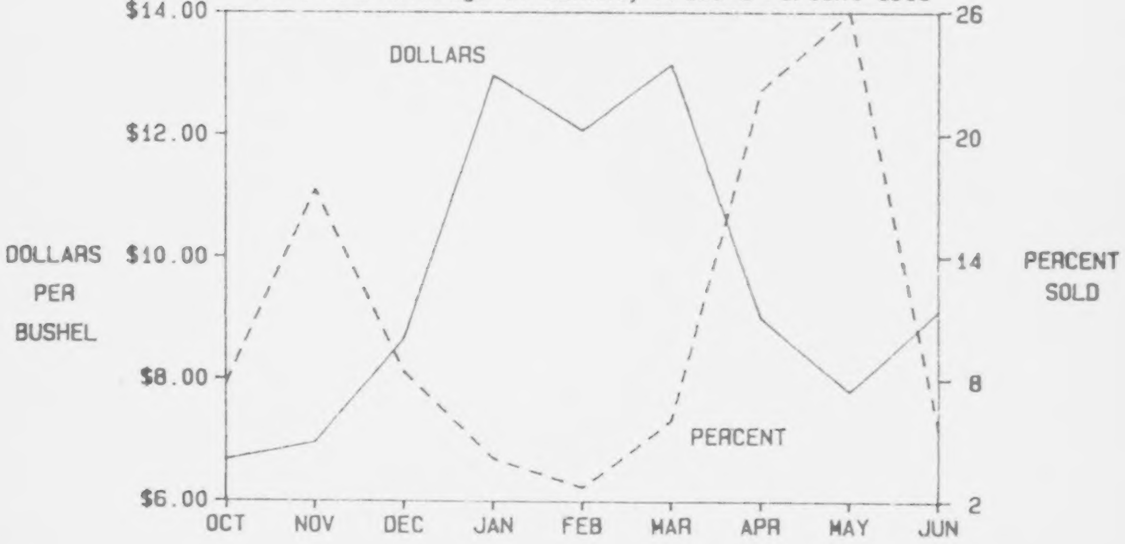
Crop year	Production		Value per bushel		Total value	
	Fresh	Proc	Fresh	Proc	Fresh	Proc
	1,000 bushels		Dollars		1,000 dollars	
1974-75	3,513		5.24		18,404	
1975-76	3,791		4.17		15,806	
1976-77	3,318	882	5.95	4.77	19,726	4,210
1977-78	3,884	960	5.77	5.03	22,398	4,831
1978-79	4,209	1,031	7.61	5.42	32,050	5,585
1979-80	4,056	1,047	8.67	10.01	35,168	10,483
1980-81	4,072	727	8.85	8.09	36,054	5,880
1981-82	4,707		7.00		32,970	
1982-83	4,742		7.77		36,851	
1983-84	4,635	769	7.33	8.28	33,971	6,366
1984-85	5,242	873	7.13	7.56	37,353	6,600
1985-86	5,239	880	6.86	7.65	35,920	6,728
1986-87	5,224	851	9.37	8.69	48,974	7,394
1987-88	5,717	1,309	9.58	8.25	54,778	10,800
1988-89	6,255	521	9.89	10.02	61,837	5,223

1/ Data prior to 1976-77 and for crop years 1981-82 and 1982-83 for the processing segment are not published separately but is included in "other" vegetables.

FRESH MARKET CUCUMBERS: 1973-74 THROUGH 1988-89
Harvested Acres, Value of Production



FRESH MARKET CUCUMBERS: 1984-85 THROUGH 1988-89
Five Year Average of Monthly Price & Percent Sold



Cucumbers: Production sold, for fresh market, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
					1,000 bushels					
1984-85	436	813	455	198	80	260	1,533	1,369	98	5,242
1985-86	320	964	526	250	151	258	1,247	1,289	1/ 234	5,239
1986-87	432	989	460	157	133	401	921	1,306	1/ 425	5,224
1987-88	387	851	420	266	177	367	1,277	1,490	482	5,717
1988-89	593	1,180	431	249	232	377	1,129	1,759	305	6,255
					Percent					
1984-85	8.3	15.5	8.7	3.8	1.5	5.0	29.2	26.1	1.9	100.0
1985-86	6.1	18.4	10.0	4.8	2.9	4.9	23.8	24.6	1/ 4.5	100.0
1986-87	8.3	18.9	8.8	3.0	2.5	7.7	17.6	25.0	1/ 8.2	100.0
1987-88	6.8	14.9	7.3	4.7	3.1	6.4	22.3	26.1	8.4	100.0
1988-89	9.5	18.9	6.9	4.0	3.7	6.0	18.0	28.1	4.9	100.0

1/ July included with June.

Cucumbers: Average value per bushel for fresh market sales, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Average
						Dollars					
1984-85	4.45	8.15	9.45	8.95	10.10	13.30	6.45	5.80	6.35	--	7.13
1985-86	6.00	8.40	8.50	9.90	9.65	9.90	5.90	4.90	5.50	5.50	6.86
1986-87	10.30	4.95	7.20	18.50	15.80	9.80	9.40	10.90	12.50	5.85	9.37
1987-88	6.90	7.85	8.15	9.00	8.90	17.30	11.20	7.85	11.80	--	9.58
1988-89	5.80	5.50	10.00	18.50	15.90	15.50	12.10	9.60	9.50	--	9.89

Cucumbers: Acreage and production for fresh market by areas, Florida, 1988-89 crop year

Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Bushels	1,000 bushels
West 1/				
North	1,250	1,200	312	374
North Central	650	600	378	227
East Central 2/				
West Central	4,900	4,500	358	1,611
Southwest	4,600	4,400	622	2,737
Everglades 3/				
Southeast	3,850	3,200	408	1,306
State	15,250	13,900	450	6,255

1/ Included in North. 2/ Included in West Central. 3/ Included in Southeast.

Cucumbers: Acreage harvested for fresh market by selected counties, Florida, crop years 1983-84 through 1988-89

Counties	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
			Acres			
Alachua	1,150	1,050	900	850	800	800
Collier	1,900	1,600	2,100	1,700	1,350	1,350
Dade	1/	1/	200	200	400	550
Desoto	800	700	800	700	500	350
Hardee	2,800	2,300	2,400	2,200	1,750	1,600
Hendry	1,500	1,200	1,600	1,800	1,450	1,600
Hillsborough	350	300	350	300	350	1,100
Lee	1,600	2,000	2,000	1,800	1,650	1,450
Manatee	650	550	850	1,000	1,100	1,300
Palm Beach (East)	1,300	2,400	2,700	3,500	3,800	2,550
Seminole	200	150	100	150	300	200
Sumter	300	300	200	150	300	250
Other counties	2,550	3,550	2,700	1,750	1,100	800
State	15,100	16,100	16,900	16,100	14,850	13,900

1/ Included in other counties.

Eggplant: Acreage, production, and value, Florida, crop years 1974-75 through 1988-89

Crop year	Acreage: Planted	Acreage: Harvested	Yield per acre	Production	Value per bushel	Total value
	Acres		Bushels	1,000 bushels	Dollars	1,000 dollars
1974-75	2,200	2,150	692	1,488	3.71	5,521
1975-76	2,400	2,300	688	1,582	3.06	4,841
1976-77	2,250	1,950	701	1,367	3.90	5,332
1977-78	2,400	2,250	660	1,485	3.80	5,636
1978-79	3,100	2,800	585	1,639	4.14	6,784
1979-80	3,100	2,800	600	1,679	4.36	7,328
1980-81	3,100	2,800	592	1,658	5.67	9,394
1981-82	2,640	2,530	657	1,661	5.76	9,568
1982-83	2,590	2,500	666	1,666	5.06	8,429
1983-84	2,300	2,100	710	1,491	5.84	8,713
1984-85	2,680	2,500	658	1,646	4.30	7,075
1985-86	2,500	2,350	675	1,586	5.73	9,093
1986-87	2,400	2,300	689	1,585	6.08	9,634
1987-88	2,200	2,100	668	1,403	7.31	10,253
1988-89	2,100	2,000	810	1,619	7.05	11,413

Eggplant: Production sold, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Oct 1/	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
					1,000 bushels						
1984-85	130	243	221	179	43	21	285	315	179	30	1,646
1985-86	135	226	164	200	110	85	192	278	178	18	1,586
1986-87	137	238	194	187	147	90	197	223	147	25	1,585
1987-88	139	184	150	175	92	85	118	221	191	48	1,403
1988-89	104	206	161	191	148	170	184	272	173	10	1,619
					Percent						
1984-85	7.9	14.8	13.4	10.9	2.6	1.3	17.3	19.1	10.9	1.8	100.0
1985-86	8.5	14.3	10.3	12.7	6.9	5.4	12.1	17.5	11.2	1.1	100.0
1986-87	8.6	15.0	12.2	11.8	9.3	5.7	12.4	14.1	9.3	1.6	100.0
1987-88	9.9	13.1	10.7	12.5	6.6	6.1	8.4	15.7	13.6	3.4	100.0
1988-89	6.5	12.7	9.9	11.8	9.1	10.5	11.4	16.8	10.7	0.6	100.0

1/ September included with October.

Eggplant: Average value per bushel for fresh market sales, monthly,
Florida, crop years 1984-85 through 1988-89

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Average
					Dollars						
1984-85	4.70	4.40	2.65	5.75	5.30	10.55	4.85	3.75	3.70	3.65	4.30
1985-86	5.35	7.20	4.25	4.15	4.85	9.40	5.45	6.30	5.55	5.45	5.73
1986-87	5.50	4.40	3.30	4.30	5.70	10.30	6.50	8.10	9.00	8.50	6.08
1987-88	6.05	7.60	4.95	6.25	10.40	14.30	10.40	6.45	6.00	4.50	7.31
1988-89	8.90	8.05	6.20	5.95	7.20	6.45	7.05	7.20	7.10	4.90	7.05

Eggplant: Acreage and production by areas,
Florida, 1988-89 crop year

Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Bushels	1,000 bushels
West 1/				
North	350	300	600	180
North Central	300	300	750	225
West Central	200	200	670	134
East Central	--	--	--	--
Southwest	250	250	690	173
Everglades	--	--	--	--
Southeast	1,000	950	955	907
State	2,100	2,000	810	1,619

1/ West included with North.

Eggplant: Acreage harvested by selected counties, Florida,
crop years 1983-84 through 1988-89

Counties	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
			Acres			
Alachua	130	200	200	180	200	200
Broward	230	200	250	200	100	100
Palm Beach (East)	850	890	800	750	850	800
Other counties	890	1,210	1,100	1,170	950	900
State	2,100	2,500	2,350	2,300	2,100	2,000

Escarole: Acreage, production, and value, Florida, crop years 1974-75 through 1988-89

Crop year	Acreage Planted	Acreage Harvested	Yield per acre	Production	Value per crate	Total value
	Acres		Crates	1,000 crates	Dollars	1,000 dollars
1974-75	7,000	5,700	584	3,328	2.61	8,688
1975-76	6,700	5,800	532	3,088	3.19	9,860
1976-77	6,900	6,000	513	3,080	4.07	12,521
1977-78	6,600	6,100	535	3,264	4.63	15,124
1978-79	7,100	6,500	515	3,348	4.05	13,547
1979-80	7,500	6,300	481	3,028	3.72	11,263
1980-81	7,500	6,200	470	2,912	3.91	11,376
1981-82	5,900	5,300	512	2,712	6.65	18,024
1982-83	6,200	5,600	519	2,908	5.17	15,039
1983-84	6,250	5,700	505	2,876	4.92	14,136
1984-85	6,300	5,700	500	2,852	4.83	13,786
1985-86	6,100	5,500	480	2,640	5.42	14,296
1986-87	5,500	5,100	479	2,442	4.96	12,123
1987-88	4,900	4,700	547	2,573	4.90	12,619
1988-89	4,500	4,250	551	2,343	4.10	9,607

Escarole: Production sold, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
					1,000 crates				
1984-85	24	280	416	660	364	428	404	276	2,852
1985-86	22	266	402	464	319	456	428	283	2,640
1986-87	16	265	337	386	363	417	379	279	2,442
1987-88	14	263	398	514	409	394	365	216	2,573
1988-89	30	239	358	415	382	325	415	179	2,343
					Percent				
1984-85	.8	9.8	14.6	23.1	12.8	15.0	14.2	9.7	100.0
1985-86	.8	10.1	15.3	17.6	12.1	17.2	16.2	10.7	100.0
1986-87	.7	10.8	13.8	15.8	14.9	17.1	15.5	11.4	100.0
1987-88	.5	10.2	15.5	20.0	15.9	15.3	14.2	8.4	100.0
1988-89	1.3	10.2	15.3	17.7	16.3	13.9	17.7	7.6	100.0

Escarole: Average value per crate for fresh market sales, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Average
					Dollars					
1984-85	3.85	4.15	3.50	5.05	8.60	4.50	3.75	4.30	—	**4.83**
1985-86	5.38	5.08	6.20	6.93	5.33	4.30	4.47	5.48	—	**5.42**
1986-87	4.90	4.65	6.00	5.25	6.40	4.10	4.20	4.10	—	**4.96**
1987-88	4.70	6.65	7.50	5.55	3.90	3.05	3.00	5.00	—	**4.90**
1988-89	4.60	4.00	3.40	4.10	3.40	4.80	3.30	7.60	—	**4.10**

Escarole: Acreage and production by areas, Florida, 1988-89 crop year

Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Crates	1,000 crates
Central	1,100	1,050	601	631
Everglades	3,400	3,200	535	1,712
State	4,500	4,250	551	2,343

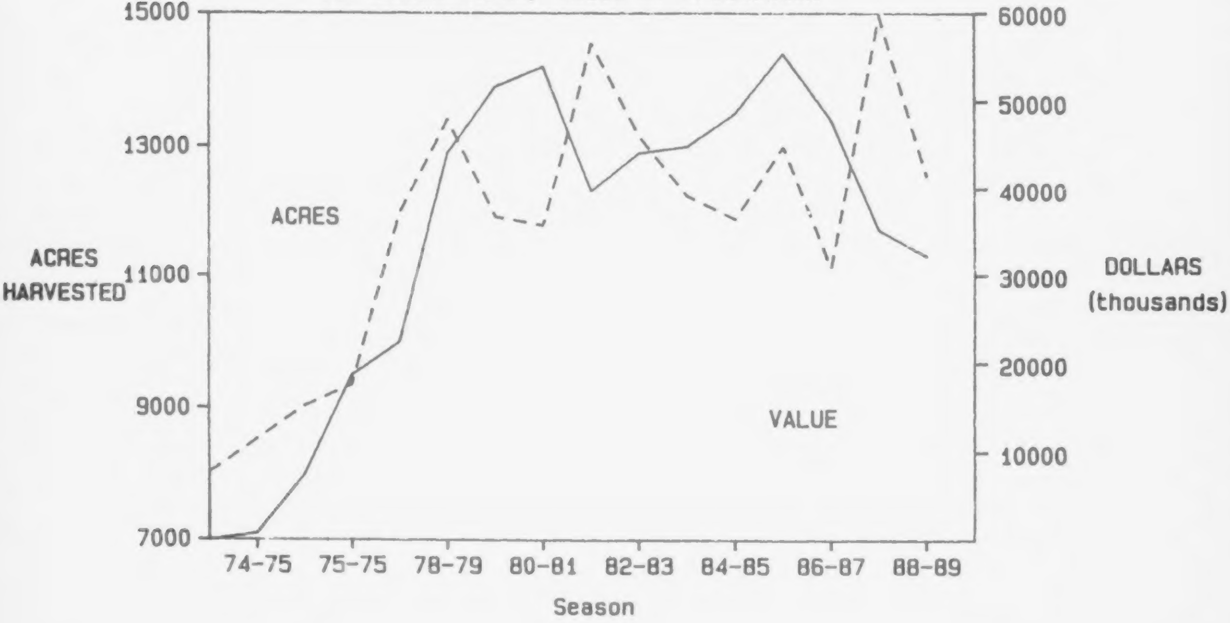
Escarole: Acreage harvested by areas, Florida, crop years 1983-84 through 1988-89

Areas	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
				Acres		
Central	1,800	1,900	1,700	1,500	1,300	1,050
Everglades	3,900	3,800	3,800	3,600	3,400	3,200
State	5,700	5,700	5,500	5,100	4,700	4,250

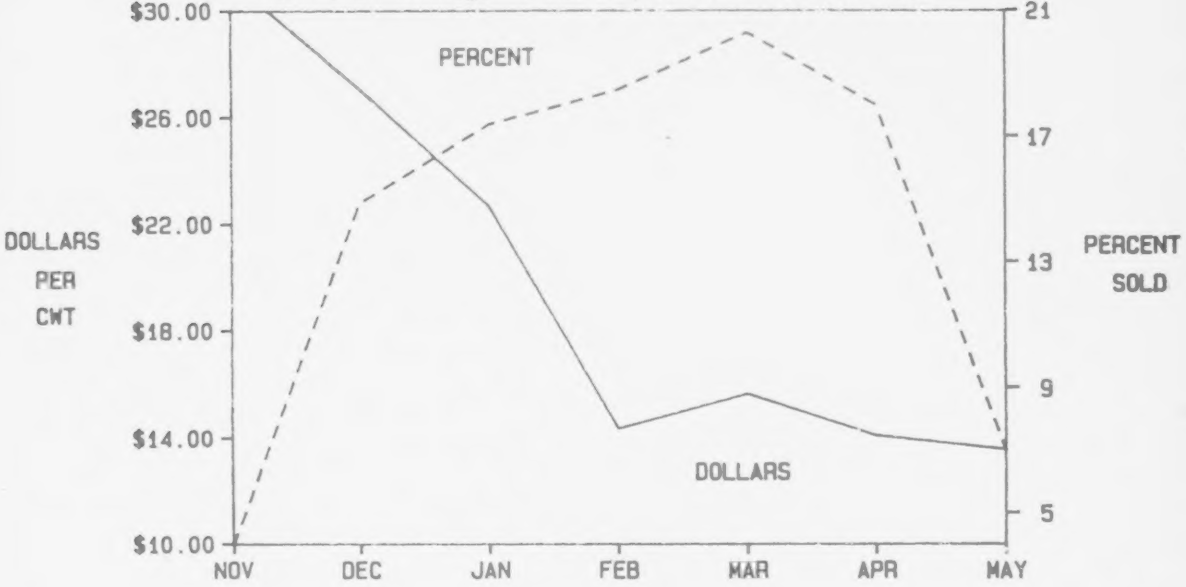
Lettuce: Acreage, production, and value, Florida,
crop years 1974-75 through 1988-89

Crop year	Acreage: Planted	Acreage: Harvested	Yield per acre	Production	Value per cwt	Total value
	Acres		Cwt	1,000 cwt	Dollars	1,000 dollars
1974-75	8,600	7,100	181	1,287	8.95	11,513
1975-76	9,400	8,000	184	1,473	10.35	15,247
1976-77	11,700	9,500	151	1,430	12.34	17,650
1977-78	11,400	10,000	195	1,952	19.09	37,272
1978-79	14,100	12,900	199	2,562	18.75	48,032
1979-80	15,400	13,900	193	2,688	13.67	36,750
1980-81	16,700	14,200	188	2,671	13.39	35,759
1981-82	14,100	12,300	183	2,250	25.16	56,599
1982-83	14,400	12,900	190	2,451	18.83	46,151
1983-84	15,600	13,000	179	2,328	16.84	39,210
1984-85	16,050	13,500	170	2,295	15.90	36,491
1985-86	16,000	14,400	163	2,350	19.13	44,949
1986-87	15,100	13,400	150	2,015	15.32	30,868
1987-88	12,600	11,700	203	2,380	25.11	59,768
1988-89	12,100	11,300	193	2,180	19.06	41,558

LETTUCE: 1973-74 THROUGH 1988-89
Harvested Acres, Value of Production



LETTUCE: 1984-85 THROUGH 1988-89
Five Year Average of Monthly Price & Percent Sold



Lettuce: Acreage and production by areas,
Florida, 1988-89 crop year

Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Cwt	1,000 cwt
Central	1,450	1,300	138	180
Everglades	10,650	10,000	200	2,000
State	12,100	11,300	193	2,180

Lettuce: Acreage harvested by areas, Florida,
crop years 1983-84 through 1988-89

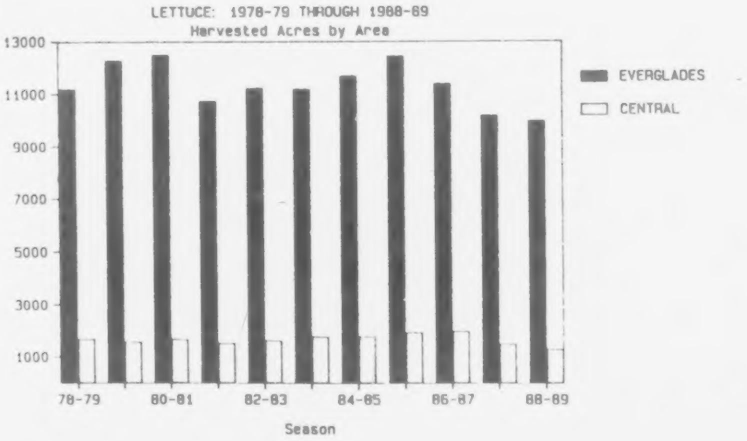
Areas	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
	Acres					
Central	1,800	1,800	1,950	2,000	1,500	1,300
Everglades	11,200	11,700	12,450	11,400	10,200	10,000
State	13,000	13,500	14,400	13,400	11,700	11,300

Lettuce: Production sold, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
1,000 cwt									
1984-85	9	87	363	404	312	606	404	110	2,295
1985-86	—	91	367	372	249	378	545	348	2,350
1986-87	—	80	300	236	358	449	427	165	2,015
1987-88	—	74	353	476	575	439	378	85	2,380
1988-89	—	114	291	474	568	394	265	74	2,180
Percent									
1984-85	.4	3.8	15.8	17.6	13.6	26.4	17.6	4.8	100.0
1985-86	—	3.9	15.6	15.8	10.6	16.1	23.2	14.8	100.0
1986-87	—	3.9	14.9	11.7	17.8	22.3	21.2	8.2	100.0
1987-88	—	3.1	14.8	20.0	24.2	18.4	15.9	3.6	100.0
1988-89	—	5.2	13.3	21.7	26.1	18.1	12.2	3.4	100.0

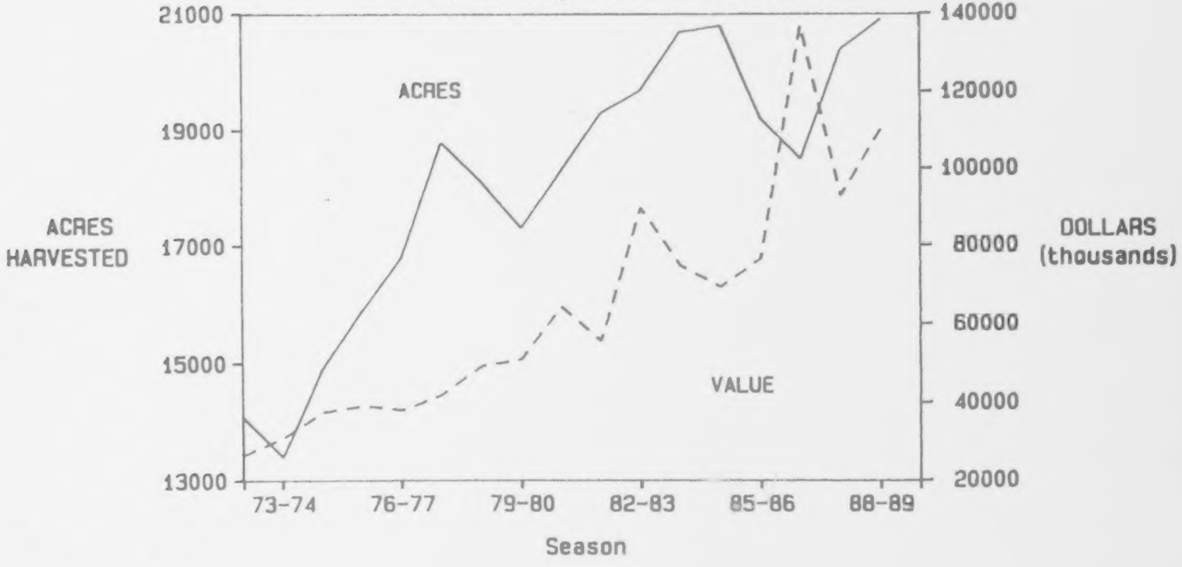
Lettuce: Average value per cwt for fresh market sales, monthly, Florida, crop years 1984-85 through 1988-89

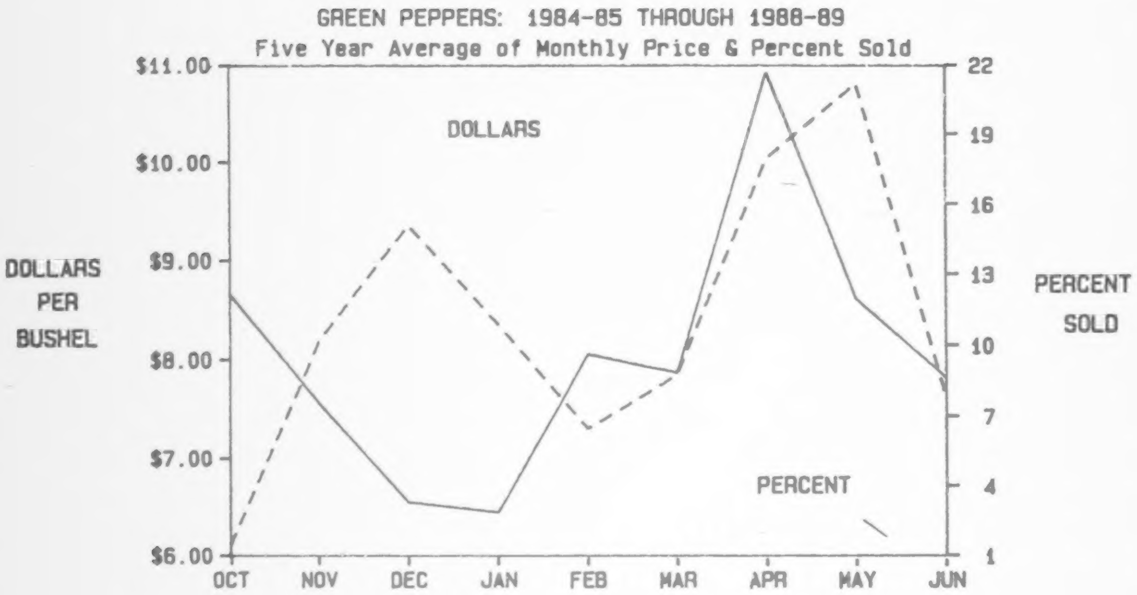
Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Average
Dollars									
1984-85	20.00	20.40	17.70	21.00	14.40	13.50	13.40	13.40	15.90
1985-86	—	28.50	20.50	17.00	12.80	17.20	19.90	22.90	19.13
1986-87	—	23.90	17.60	18.50	13.00	16.90	12.50	10.50	15.32
1987-88	—	53.20	54.20	34.10	15.00	15.50	11.20	9.50	25.11
1988-89	—	29.90	25.40	23.00	16.60	15.30	13.40	11.50	19.06



Green Peppers: Acreage, production, and value, Florida,
crop years 1974-75 through 1988-89

Crop year	Acreage		Yield per acre	Production	Value per bushel	Total value
	Planted	Harvested				
	Acres		Bushels	1,000 bushels	Dollars	1,000 dollars
1974-75	15,600	14,900	510	7,604	4.96	37,695
1975-76	16,800	15,900	454	7,220	5.45	39,326
1976-77	21,100	16,800	400	6,720	5.66	38,054
1977-78	20,400	18,800	434	8,164	5.17	42,188
1978-79	19,800	18,100	445	8,056	6.13	49,413
1979-80	18,700	17,300	414	7,156	7.13	51,035
1980-81	20,400	18,300	435	7,968	8.10	64,516
1981-82	21,500	19,300	412	7,944	7.00	55,592
1982-83	21,400	19,700	482	9,492	9.45	89,687
1983-84	23,000	20,700	467	9,660	7.75	74,833
1984-85	22,700	20,800	507	10,540	6.59	69,460
1985-86	21,100	19,200	586	11,250	6.83	76,786
1986-87	20,100	18,500	617	11,423	12.00	137,033
1987-88	21,500	20,400	649	13,232	7.03	93,044
1988-89	21,900	20,900	673	14,068	7.83	110,181


GREEN PEPPERS: 1973-74 THROUGH 1988-89
Acres Harvested, Value of Production



GREEN PEPPERS: 1984-85 THROUGH 1988-89
Five Year Average of Monthly Price & Percent Sold

Green Peppers: Production sold, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
					1,000 bushels					
1984-85	188	1,360	1,612	1,476	220	220	2,068	2,804	592	10,540
1985-86	208	1,234	1,451	1,194	790	1,079	2,014	2,320	960	11,250
1986-87	251	1,292	1,879	1,272	1,080	1,286	1,680	2,057	626	11,423
1987-88	150	1,062	1,797	1,234	1,123	1,580	2,325	2,657	1,304	13,232
1988-89	200	1,380	1,904	1,606	1,434	1,874	2,056	2,674	940	14,068
					Percent					
1984-85	1.8	12.9	15.3	14.0	2.1	2.1	19.6	26.6	5.6	100.0
1985-86	1.8	11.0	12.9	10.6	7.0	9.6	17.9	20.6	8.6	100.0
1986-87	2.2	11.3	16.4	11.1	9.5	11.3	14.7	18.0	5.5	100.0
1987-88	1.1	8.0	13.6	9.3	8.5	11.9	17.6	20.1	9.9	100.0
1988-89	1.4	9.8	13.6	11.4	10.2	13.3	14.6	19.0	6.7	100.0

Green Peppers: Average value per bushel for fresh market sales, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Average
					Dollars					
1984-85	8.95	5.25	5.90	6.80	11.80	7.10	7.80	5.70	5.70	**6.59**
1985-86	8.00	7.85	6.40	5.90	5.65	8.00	8.75	5.60	5.60	**6.83**
1986-87	10.00	11.90	8.70	8.20	9.00	10.10	15.80	17.10	12.70	**12.00**
1987-88	10.10	7.10	6.35	5.35	5.55	6.35	10.90	6.25	5.95	**7.03**
1988-89	6.25	5.75	5.40	6.00	8.30	7.80	11.40	8.40	9.15	**7.83**

Green Peppers: Acreage and production by areas, Florida, 1988-89 crop year

Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Bushels	1,000 bushels
West 1/				
North	1,800	1,650	406	670
North Central	1,100	1,050	574	603
West Central	4,100	3,750	531	1,991
East Central	—	—	—	--
Southwest	10,250	9,900	742	7,346
Everglades 2/				
Southeast	4,650	4,550	760	3,458
State	21,900	20,900	673	14,068

1/ West included with North.
2/ Everglades included with Southeast.

Green Peppers: Acreage harvested by selected counties, Florida, crop years 1983-84 through 1988-89

Counties	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
			Acres			
Alachua	1,500	1,400	1,000	800	1,200	1,000
Broward	700	800	650	350	250	1/
Charlotte	500	500	200	200	1/	1/
Collier	3,000	2,800	3,100	3,800	4,800	5,100
Hardee	150	200	300	250	450	550
Hendry	1,300	1,200	1,300	1,700	1,800	3,000
Hillsborough	1,300	1,600	1,000	1,000	1,450	1,800
Lee	1,650	1,600	1,350	1,500	1,700	1,800
Manatee	1/	1/	1/	1/	1,250	1,350
Palm Beach (East)	6,100	5,600	5,600	5,500	5,250	4,200
Seminole	500	400	400	300	200	200
Sumter	1,000	900	1,000	600	600	700
Volusia	200	200	250	200	1/	1/
Other counties	2,800	3,600	3,050	2,300	1,450	1,200
State	20,700	20,800	19,200	18,500	20,400	20,900

1/ Included in other counties.

Potatoes: Acreage, production, and value, Florida, crop years 1975 through 1989

Crop year	Acreage		Yield per acre	Production	Value per cwt	Total value
	Planted	Harvested				
	Acres		Cwt	1,000 cwt	Dollars	1,000 dollars
Winter:						
1984	7,600	7,400	160	1,184	17.30	20,483
1985	7,800	7,800	165	1,287	18.40	23,681
1986	7,400	7,200	210	1,512	16.20	24,494
1987	7,300	7,100	200	1,420	23.90	33,938
1988	7,300	7,100	200	1,420	10.60	15,052
1989	7,600	7,600	190	1,444	24.30	34,870
Spring (Hastings):						
1984	26,000	25,000	260	6,500	7.35	47,775
1985	26,500	26,000	245	6,370	7.60	48,412
1986	25,000	24,500	280	6,860	6.05	41,503
1987	27,000	26,500	195	5,168	14.50	74,936
1988	27,000	26,500	235	6,228	4.50	28,026
1989	28,500	28,000	195	5,460	12.00	65,135
Spring (Other):						
1984	1,300	1,200	200	240	9.45	2,268
1985	1,400	1,300	210	273	9.50	2,594
1986	1,000	900	190	171	9.60	1,642
1987	2,200	2,100	190	399	13.90	5,546
1988	2,600	2,500	210	525	5.95	3,124
1989	7,500	7,000	200	1,400	20.80	29,037
All seasons:						
1975	27,600	27,500	194	5,344	4.64	24,813
1976	31,900	31,000	203	6,293	6.66	41,931
1977	30,500	30,100	206	6,207	6.71	41,670
1978	32,800	32,300	175	5,658	6.21	35,171
1979	30,700	28,000	215	6,008	5.06	30,435
1980	29,600	27,300	194	5,304	6.80	36,217
1981	30,500	29,900	220	6,565	11.10	73,001
1982	32,800	31,900	219	6,989	8.90	62,272
1983	32,100	31,300	193	6,045	9.25	56,011
1984	34,900	33,600	236	7,924	8.90	70,526
1985	35,700	35,100	226	7,930	9.40	74,687
1986	33,400	32,600	262	8,543	7.90	67,639
1987	36,500	35,700	196	6,987	16.40	114,420
1988	36,900	36,100	226	8,173	5.65	46,202
1989	43,600	42,600	195	8,304	15.50	129,043

Potatoes: Production sold, monthly, Florida, crop years 1985 through 1989

Crop year	Jan	Feb	Mar	Apr	May	June 1/	Total
				1,000 cwt			
1985	13	153	499	1,456	4,311	1,462	7,894
1986	15	181	511	1,739	4,146	1,913	8,505
1987	14	169	423	846	4,187	1,315	6,954
1988	8	73	423	1,212	4,254	2,164	8,134
1989	43	158	531	1,287	4,518	1,729	8,266
				Percent			
1985	.2	1.9	6.3	18.5	54.6	18.5	100.0
1986	.2	2.1	6.0	20.4	48.8	22.5	100.0
1987	.2	2.4	6.1	12.2	60.2	18.9	100.0
1988	.1	.9	5.2	14.9	52.3	26.6	100.0
1989	.5	1.9	6.4	15.6	54.7	20.9	100.0

1/ Includes small quantities sold in July.

Potatoes: Average value per cwt for all sales, monthly, Florida, crop years 1985 through 1989

Crop year	Jan	Feb	Mar	Apr	May	June	Average
				Dollars			
1985	14.30	14.30	16.40	13.50	7.75	7.20	9.40
1986	13.00	13.00	15.40	11.80	6.15	5.55	7.90
1987	21.00	21.00	20.00	21.80	15.20	13.90	16.40
1988	13.00	13.00	11.80	8.65	5.25	3.20	5.65
1989	16.50	16.60	17.80	28.50	12.90	11.80	15.50

Potatoes: Acreage and production by areas, Florida, 1989 crop year

Seasons and areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Cwt	1,000 cwt
Spring				
Hastings	28,500	28,000	195	5,460
Other Spring 1/	7,500	7,000	200	1,400
Winter				
Southwest	2,000	2,000	190	380
Southeast	5,600	5,600	190	1,064
State	43,600	42,600	195	8,304

1/ Includes West, North, Central, and Martin County (Spring).

Potatoes: Acreage harvested by selected counties, Florida, crop years 1984 through 1989

Counties	1984	1985	1986	1987	1988	1989
			Acres			
Dade	5,400	5,500	5,000	5,000	5,200	5,100
Flagler	2,800	3,000	2,000	1,700	2,200	3,000
Putnam	4,200	4,500	4,300	5,600	4,400	4,500
St. Johns	18,000	18,500	18,200	19,200	19,900	20,500
Other counties	3,200	3,600	3,100	4,200	4,400	9,500
Winter total	7,400	7,800	7,200	7,100	7,100	7,600
Spring total	26,200	27,300	25,400	28,600	29,000	35,000
State total	33,600	35,100	32,600	35,700	36,100	42,600

Radishes: Acreage, production, and value, Florida, crop years 1979-80 through 1988-89

Crop year	Acreage		Yield per acre	Production	Value per carton	Total value
	Planted	Harvested				
	Acres		Cartons	1,000 cartons	Dollars	1,000 dollars
1979-80	32,600	28,400	247	7,007	3.30	23,122
1980-81	32,900	29,000	247	7,153	2.79	19,957
1981-82	27,700	24,500	240	5,880	4.05	23,814
1982-83	27,400	24,700	247	6,093	4.58	27,877
1983-84	28,800	25,400	207	5,267	4.36	22,989
1984-85	29,100	25,600	247	6,313	2.96	18,656
1985-86	29,400	26,100	216	5,638	3.78	21,312
1986-87	29,700	27,000	207	5,589	3.15	17,605
1987-88	28,000	26,300	192	5,050	3.70	18,685
1988-89	28,200	27,000	235	6,345	3.15	19,987

Radishes: Production sold, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
					1,000 cartons					
1984-85	313	947	886	567	567	1,013	887	1,013	120	6,313
1985-86	232	912	807	680	584	672	864	824	63	5,638
1986-87	551	637	683	591	680	721	859	778	89	5,589
1987-88	168	419	738	654	696	831	890	520	134	5,050
1988-89	357	846	755	697	705	763	912	1,111	199	6,345
					Percent					
1984-85	5.0	15.0	14.0	9.0	9.0	16.0	14.0	16.0	2.0	100.0
1985-86	4.1	16.2	14.3	12.1	10.4	11.9	15.3	14.6	1.1	100.0
1986-87	9.9	11.4	12.2	10.6	12.2	12.9	15.4	13.9	1.6	100.0
1987-88	3.3	8.3	14.6	13.0	13.8	16.4	17.6	10.3	2.7	100.0
1988-89	5.6	13.4	11.9	11.0	11.1	12.0	14.4	17.5	3.1	100.0

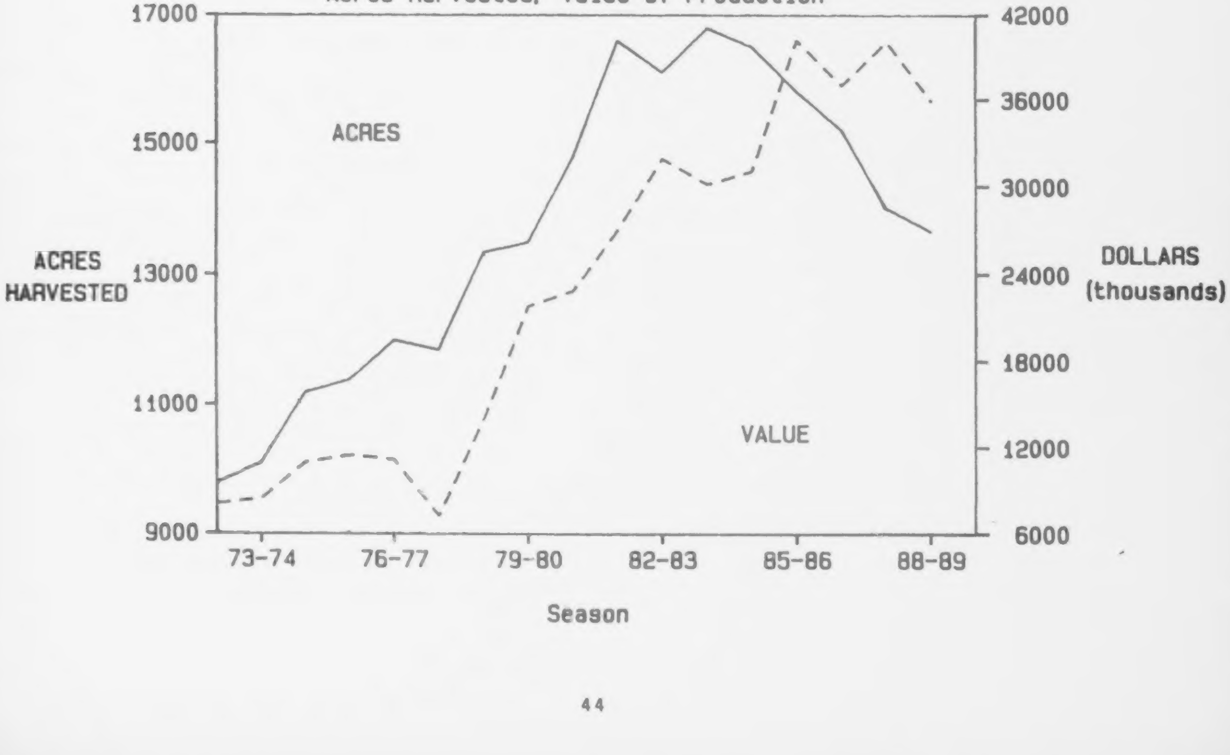
Radishes: Average value per carton for fresh market sales, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Average
					Dollars					
1984-85	2.75	2.95	2.80	3.35	3.40	2.65	2.60	3.25	3.40	2.96
1985-86	3.55	3.20	4.65	3.80	3.90	4.40	3.20	3.50	5.49	3.78
1986-87	4.50	3.00	3.30	3.80	2.60	2.50	3.00	3.00	2.90	3.15
1987-88	2.60	5.20	4.50	3.10	2.50	2.80	3.50	4.50	6.90	3.70
1988-89	2.10	2.40	3.90	3.00	2.50	4.00	2.50	3.70	4.70	3.15

Squash: Acreage, production, and value, Florida, crop years 1974-75 through 1988-89

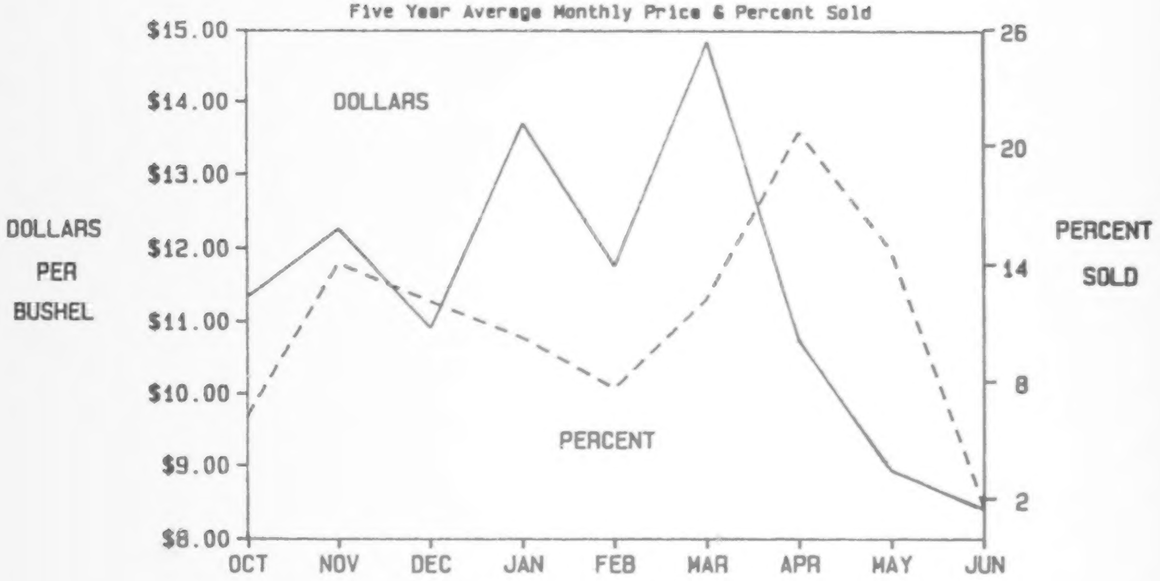
Crop year	Acreage: Planted	Acreage: Harvested	Yield per acre	Production	Value per bushel	Total value
	Acres		Bushels	1,000 bushels	Dollars	1,000 dollars
1974-75	11,800	11,200	160	1,792	6.14	10,997
1975-76	11,900	11,400	154	1,761	6.53	11,508
1976-77	12,600	12,000	158	1,893	5.89	11,156
1977-78	12,350	11,850	143	1,693	4.28	7,253
1978-79	13,850	13,350	139	1,860	7.51	13,971
1979-80	14,000	13,500	174	2,350	9.30	21,855
1980-81	15,600	14,800	159	2,357	9.72	22,904
1981-82	17,400	16,600	168	2,788	9.69	27,029
1982-83	16,700	16,100	179	2,874	11.12	31,949
1983-84	17,700	16,800	177	2,981	10.12	30,173
1984-85	17,700	16,500	172	2,829	11.00	31,119
1985-86	16,700	15,800	202	3,192	12.60	40,219
1986-87	16,100	15,200	198	3,010	12.30	37,023
1987-88	14,700	14,000	243	3,402	11.80	40,144
1988-89	15,200	13,650	277	3,785	9.50	35,958

SQUASH: 1973-74 THROUGH 1988-89
Acres Harvested, Value of Production



SQUASH: 1984-85 THROUGH 1988-89

Five Year Average Monthly Price & Percent Sold



Squash: Production sold, monthly, Florida,
crop years 1984-85 through 1988-89

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
					1,000 bushels					
1984-85	124	419	410	281	76	412	712	357	38	2,829
1985-86	152	476	375	271	235	431	742	476	34	3,192
1986-87	301	460	337	217	241	397	515	479	63	3,010
1987-88	179	337	427	350	268	439	794	524	84	3,402
1988-89	272	590	412	582	468	272	549	576	64	3,785
					Percent					
1984-85	4.4	14.8	14.5	9.9	2.7	14.6	25.2	12.6	1.3	100.0
1985-86	4.8	14.9	11.7	8.5	7.4	13.5	23.2	14.9	1.1	100.0
1986-87	10.0	15.3	11.2	7.2	8.0	13.2	17.1	15.9	2.1	100.0
1987-88	5.3	9.9	12.5	10.3	7.9	12.9	23.3	15.4	2.5	100.0
1988-89	7.2	15.6	10.9	15.4	12.3	7.2	14.5	15.2	1.7	100.0

Squash: Average value per bushel for fresh market sales, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Average
					Dollars					
1984-85	8.80	13.35	9.05	12.10	9.80	16.80	9.40	7.20	9.45	11.00
1985-86	16.55	14.05	11.90	15.45	13.25	14.30	11.85	8.60	5.60	12.60
1986-87	11.20	10.50	11.40	16.80	14.40	12.90	12.50	11.70	11.10	12.30
1987-88	11.00	16.50	13.20	15.00	12.50	16.90	8.15	7.45	7.10	11.80
1988-89	9.20	6.95	9.00	9.15	8.85	13.30	11.70	9.70	8.80	9.50

Squash: Acreage and production by areas, Florida, 1988-89 crop year

Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Bushels	1,000 bushels
West	500	450	240	108
North	1,650	1,550	290	450
North Central	1,200	1,150	220	253
West Central	1,900	1,600	250	400
East Central	400	400	245	98
Southwest	2,250	2,100	280	588
Southeast	7,300	6,400	295	1,888
State	15,200	13,650	277	3,785

Squash: Acreage harvested by selected counties, Florida, crop years 1983-84 through 1988-89

Counties	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
			Acres			
Alachua	900	900	900	800	800	700
Broward	650	600	400	300	200	1/
Collier	1,900	2,000	1,700	1,500	1,100	1,000
Dade	5,600	5,300	4,800	5,000	5,250	4,500
Gadsden	250	250	250	250	250	300
Hardee	1/	1/	1/	1/	1/	800
Hillsborough	900	850	700	700	450	600
Lee	1/	1/	1/	1/	1/	900
Marion	500	500	350	300	300	300
Palm Beach (East)	2,300	2,100	2,500	2,400	2,000	1,500
Sumter	250	200	150	100	100	1/
Other counties	3,550	3,800	4,050	3,850	3,550	3,050
State	16,800	16,500	15,800	15,200	14,000	13,650

1/ Included in other counties.

Strawberries: Acreage, production, and value, Florida, crop years 1974-75 through 1988-89

Crop year	Acreage		Yield per acre	Production	Value per flat	Total value
	Planted	Harvested				
	Acres		Flats	1,000 flats	Dollars	1,000 dollars
1974-75	1,200	1,200	1,375	1,650	5.08	8,375
1975-76	1,400	1,400	1,250	1,750	5.06	8,862
1976-77	1,500	1,500	1,211	1,817	4.93	8,960
1977-78	2,000	2,000	1,209	2,417	6.89	16,646
1978-79	2,400	2,400	1,333	3,200	6.92	22,157
1979-80	2,500	2,500	1,583	3,958	7.06	27,930
1980-81	3,200	3,200	1,750	5,600	4.98	27,888
1981-82	5,000	5,000	1,625	8,125	6.44	52,358
1982-83	5,400	5,400	1,583	8,550	6.14	52,531
1983-84	5,200	5,100	1,417	7,225	5.38	38,842
1984-85	5,300	5,300	1,667	8,833	6.94	61,268
1985-86	5,000	4,900	1,543	7,558	6.64	50,157
1986-87	4,900	4,900	1,876	9,192	7.30	67,062
1987-88	5,000	5,000	2,083	10,417	7.09	73,875
1988-89	5,300	5,300	2,167	11,483	8.03	92,188

Strawberries: Production sold, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Dec	Jan	Feb	Mar	Apr	May	Total
				1,000 flats			
1984-85	616	1,150	442	4,592	1,858	175	8,833
1985-86	294	744	259	3,373	2,560	328	7,558
1986-87	550	1,122	374	4,155	2,617	374	9,192
1987-88	521	1,667	1,250	4,896	1,875	208	10,417
1988-89	919	2,067	1,493	6,315	574	115	11,483
				Percent			
1984-85	7.0	13.0	5.0	52.0	21.0	2.0	100.0
1985-86	3.9	9.8	3.4	44.6	33.9	4.4	100.0
1986-87	6.0	12.2	4.1	45.2	28.5	4.0	100.0
1987-88	5.0	16.0	12.0	47.0	18.0	2.0	100.0
1988-89	8.0	18.0	13.0	55.0	5.0	1.0	100.0

Strawberries: Average value per flat for fresh market sales, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Dec	Jan	Feb	Mar	Apr	May	Average
				Dollars			
1984-85	10.35	10.60	11.20	6.10	4.85	4.00	6.94
1985-86	13.20	11.18	9.91	6.66	4.44	4.56	6.64
1986-87	14.64	10.20	11.76	6.78	5.16	4.32	7.30
1987-88	15.60	9.60	9.48	6.24	3.36	5.28	7.09
1988-89	13.80	9.96	9.84	6.50	4.69	4.20	8.03

Strawberries: Acreage and production by areas, Florida, 1988-89 crop year

Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Flats	1,000 flats
North	400	400	2,500	1,000
Central	4,700	4,700	2,125	9,988
Southeast	200	200	2,475	495
State	5,300	5,300	2,167	11,483

Strawberries: Acreage harvested by selected counties, Florida, crop years 1983-84 through 1988-89

Counties	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
			Acres			
Dade & Broward	200	200	300	200	200	200
Hillsborough & Manatee	4,400	4,500	4,000	4,200	4,400	4,700
Other counties	500	600	600	500	400	400
State	5,100	5,300	4,900	4,900	5,000	5,300

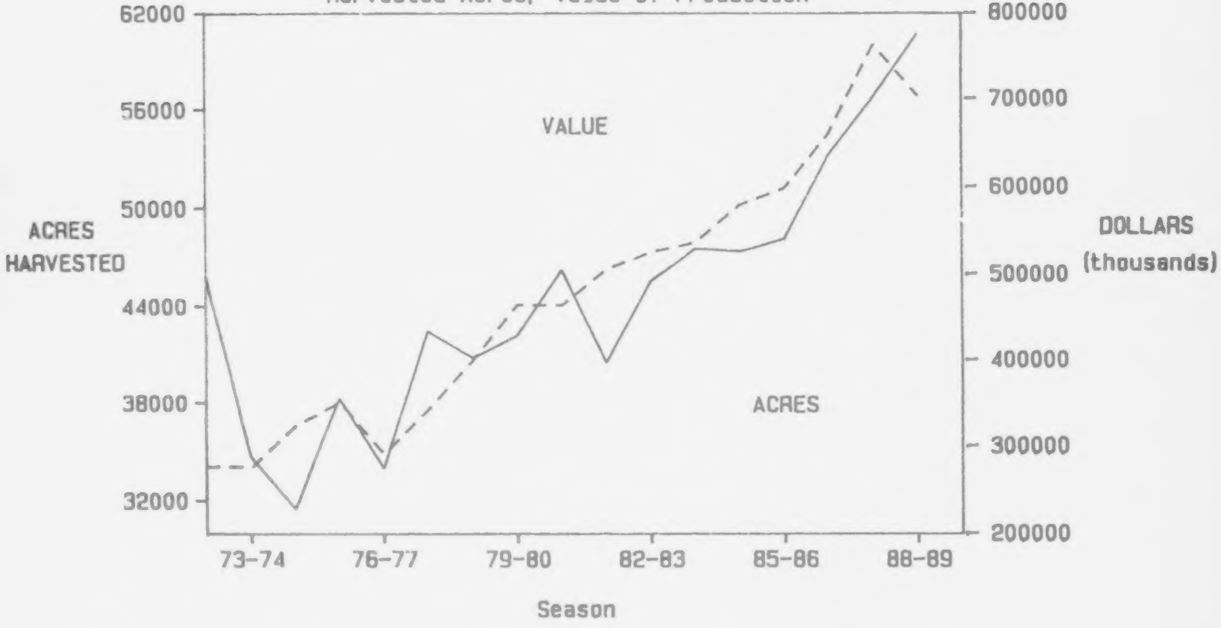
Tomatoes: Acreage and production, Florida, crop years 1974-75 through 1988-89

Crop year	Acreage		Yield per acre			Production		
	Planted	Harvested	Fresh & proc	Fresh	Proc	Total	Fresh	Proc
	Acres		Cartons			1,000 cartons		
1974-75	31,700	31,500	1,083	1,026	57	34,116	32,316	1,800
1975-76	38,700	38,300	966	918	48	36,991	35,151	1,840
1976-77	43,200	34,000	902	854	47	30,652	29,052	1,600
1977-78	42,100	41,500	870	826	44	36,100	34,260	1,840
1978-79	41,300	40,800	1,024	981	43	41,768	40,008	1,760
1979-80	42,900	42,200	1,133	1,102	31	47,812	46,492	1,320
1980-81	47,000	46,300	1,043	1,003	40	48,272	46,432	1,840
1981-82	41,300	40,500	1,293	1,250	43	52,360	50,632	1,728
1982-83	45,600	45,600	1,186	1,154	32	54,080	52,640	1,440
1983-84	49,300	47,600	1,157	1,128	29	55,056	53,712	1,344
1984-85	49,400	47,400	1,250	1,223	27	59,224	57,976	1,248
1985-86	48,700	48,200	1,267	1,243	24	61,056	59,904	1,152
1986-87	53,600	53,300	1,259	1,241	18	67,083	66,123	960
1987-88	57,000	56,800	1,362	1,344	19	77,389	76,333	1,056
1988-89	62,500	60,700	1,177	1,160	17	71,443	70,387	1,056

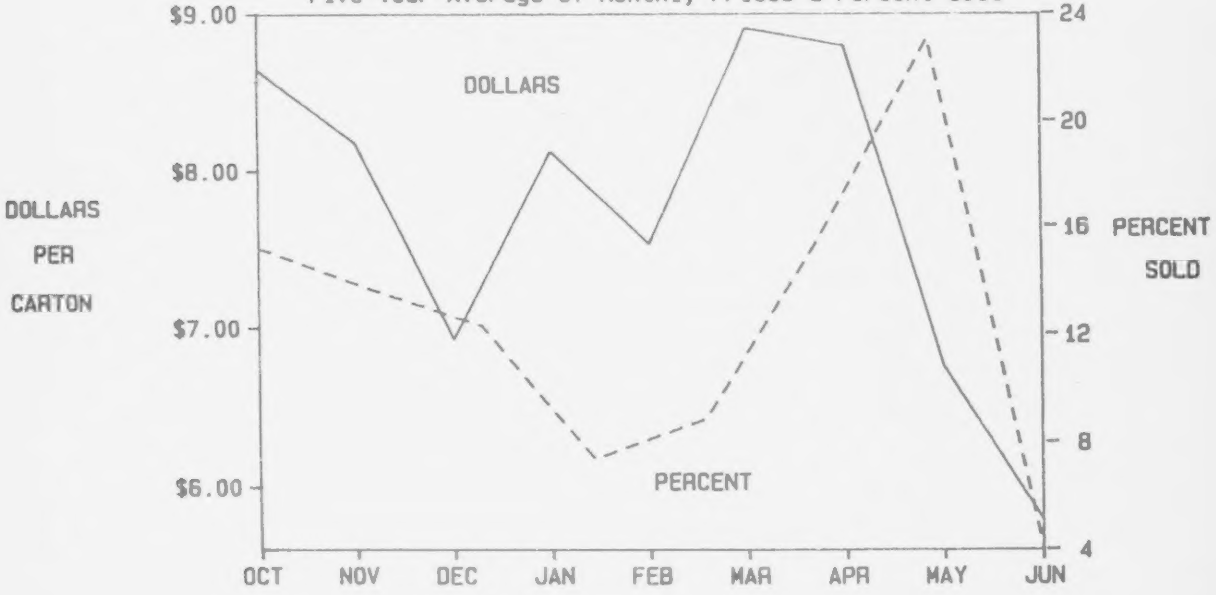
Tomatoes: Production and value, Florida, crop years 1974-75 through 1988-89

Crop year	Production			Value per carton		Total Value
	Total	Fresh	Proc	Fresh	Proc	
	1,000 cartons			Dollars		1,000 dollars
1974-75	34,116	32,316	1,800	4.57	.57	148,709
1975-76	36,991	35,151	1,840	4.59	.62	162,649
1976-77	30,652	29,052	1,600	5.30	.63	155,019
1977-78	36,100	34,260	1,840	5.28	.65	182,284
1978-79	41,768	40,008	1,760	5.47	.73	220,216
1979-80	47,812	46,492	1,320	5.23	.74	244,240
1980-81	48,272	46,432	1,840	5.49	1.00	256,584
1981-82	52,360	50,632	1,728	5.23	.94	266,306
1982-83	54,080	52,640	1,440	7.39	.94	390,612
1983-84	55,056	53,712	1,344	6.83	.95	367,955
1984-85	59,224	57,976	1,248	5.74	.94	334,091
1985-86	61,056	59,904	1,152	7.62	.94	457,823
1986-87	67,083	66,123	960	7.78	.98	515,685
1987-88	77,389	76,333	1,056	7.00	.96	535,337
1988-89	71,443	70,387	1,056	9.32	.96	657,288

FRESH MARKET TOMATOES: 1973-74 THROUGH 1988-89
Harvested Acres, Value of Production



FRESH MARKET TOMATOES: 1984-85 THROUGH 1988-89
Five Year Average of Monthly Prices & Percent Sold



Tomatoes: Production sold, monthly, for fresh market,
Florida, crop years 1984-85 through 1988-89

Crop year	1/ Nov	Dec	Jan	Feb	Mar	Apr	May	2/ Jun	Total
					1,000 cartons				
1984-85	9,880	8,080	8,404	3,600	1,200	10,404	14,408	2,000	**57,976**
1985-86	9,364	7,100	6,780	4,578	5,237	10,132	14,495	2,218	**59,904**
1986-87	9,930	10,437	8,449	4,593	4,064	9,331	15,877	3,442	**66,123**
1987-88	10,062	10,543	9,143	6,480	7,093	13,767	14,799	4,446	**76,333**
1988-89	10,689	8,983	7,711	5,380	12,738	7,472	16,100	1,314	**70,387**
					Percent				
1984-85	17.0	14.0	14.5	6.2	2.1	17.9	24.9	3.4	**100.0**
1985-86	15.6	11.9	11.4	7.6	8.7	16.9	24.2	3.7	**100.0**
1986-87	15.1	15.8	12.8	6.9	6.1	14.1	24.0	5.2	**100.0**
1987-88	13.2	13.8	12.0	8.5	9.3	18.0	19.4	5.8	**100.0**
1988-89	15.2	12.8	11.0	7.6	18.1	10.6	22.8	1.9	**100.0**

1/ Includes September and October production. 2/ Includes July production.

Tomatoes: Average value per carton for fresh market sales, monthly,
Florida, crop years 1984-85 through 1988-89

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	**Average**
					Dollars					
1984-85	4.90	4.20	4.70	6.30	9.35	14.55	8.30	3.70	4.60	**5.74**
1985-86	8.65	8.45	10.85	8.55	5.70	6.28	7.53	6.70	4.50	**7.62**
1986-87	10.00	9.45	9.60	7.08	6.45	8.03	6.73	6.95	7.20	**7.78**
1987-88	10.70	11.60	5.55	7.88	4.85	7.15	7.48	5.53	4.83	**7.00**
1988-89	9.00	7.20	3.93	10.85	11.30	8.53	13.95	10.90	7.80	**9.32**

Tomatoes: Acreage and fresh market production by areas, Florida, 1988-89 crop year

Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Cartons	1,000 cartons
West, North, and North Central	3,200	3,200	1,150	3,680
Palmetto-Ruskin	25,850	24,350	800	19,482
East Coast 1/	5,050	5,050	1,600	8,080
Southwest	20,400	20,100	1,370	27,545
Dade	8,000	8,000	1,450	11,600
State	62,500	60,700	1,160	70,387

1/ Formerly Ft. Pierce-Pompano.

Principal Tomato Producing Areas

Tomato growing areas and major shipping points

I Dade

- Florida City
- Goulds
- Homestead
- Perrine

II East Coast

- Ft. Pierce
- Jupiter
- Pompano Beach
- Stuart

III Southwest

- Bonita Springs
- Immokalee
- Naples

IV Palmetto-Ruskin

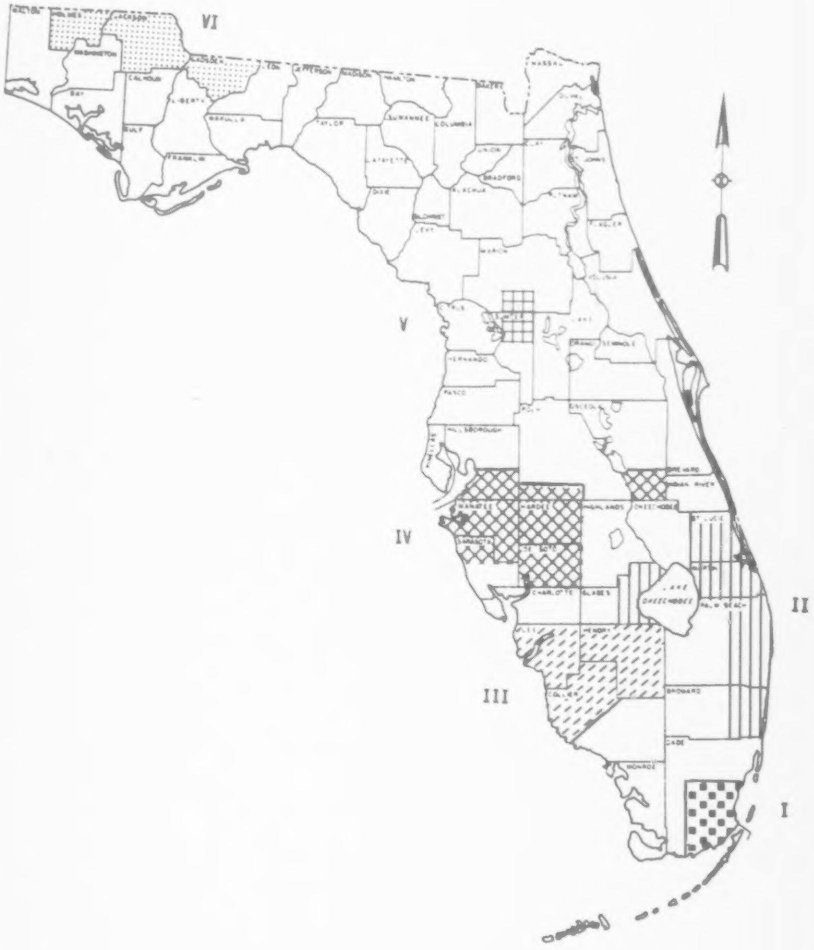
- Palmetto
- Osceola County
- Ruskin
- Tampa

V North Central

- Oxford

VI West

- Gadsden County
- Holmes County
- Jackson County



Tomatoes: Acreage harvested, for fresh market, selected counties, Florida, crop years 1983-84 through 1988-89

Counties	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
	Acres					
Broward	600	700	480	400	550	680
Collier (Gr)	800	700	1,300	800	420	270
Collier (St)	7,850	8,100	8,100	11,200	14,140	14,980
Dade (Gr) 1/	12,800	11,200	11,600	11,150	7,950	660
Dade (St)	2/	2/	2/	2/	1,200	7,340
DeSota (St)	3/	3/	3/	3/	3/	330
Gadsden (St)	1,600	2,000	1,900	1,900	2,400	2,500
Hardee (St.)	3/	3/	3/	3/	3/	690
Hendry (Gr)	310	80	—	—	—	—
Hendry (St)	775	1,290	1,580	1,700	2,360	3,270
Hillsborough (St)	6,740	6,450	6,060	7,300	8,100	8,360
Lee 4/	650	1,030	1,670	1,700	1,480	1,540
Manatee (St)	10,800	11,100	10,340	11,800	12,750	14,540
Martin (St)	3/	3/	3/	3/	3/	940
Palm Beach (St)	3,150 5/	3,000	3,420	4,100	4,360	3,410
Sarasota (St)	830	810	850	700	550	450
St Lucie (St)	150	300	150	3/	3/	3/
Other counties 5/	545	640	750	550	540	740
State	47,600	47,400	48,200	53,300	56,800	60,700
Total ground	13,950	12,540	13,300	12,550	8,370	930
Total staked	33,650	34,860	34,900	40,750	48,430	59,770

1/ Includes both ground and staked culture for 1983-84 through 1986-87. Ground culture only for 1987-88, 1988-89.
2/ 1983-84 through 1986-87 included in ground culture.
3/ Included in other counties.
4/ Includes both ground and staked culture for 1983-84 through 1986-87. Staked culture only for 1987-88, 1988-89.
5/ Small acreage of ground included with staked culture.

Watermelons: Acreage, production, and value, Florida, crop years 1974-75 through 1988-89

Crop year	Acreage		Yield per acre	Production	Value per cwt	Total value
	Planted	Harvested				
	Acres		Cwt	1,000 cwt	Dollars	1,000 dollars
1974-75	47,000	43,600	185	8,066	4.36	35,168
1975-76	65,000	55,000	180	9,900	2.61	25,839
1976-77	65,000	51,000	175	8,925	2.97	26,507
1977-78	59,000	50,000	160	8,000	3.35	26,800
1978-79	50,000	43,000	150	6,450	5.00	32,250
1979-80	45,000	42,500	185	7,863	5.92	46,549
1980-81	54,000	49,000	165	8,085	6.52	52,714
1981-82	56,000	48,000	165	7,920	6.90	54,648
1982-83	59,000	49,000	165	8,085	7.20	58,212
1983-84	64,000	60,000	167	10,020	6.20	62,124
1984-85	59,000	54,000	166	8,964	5.95	53,336
1985-86	53,550	47,550	184	8,749	6.23	54,506
1986-87	54,900	46,100	157	7,238	9.64	69,774
1987-88	57,500	49,800	185	9,213	6.79	62,556
1988-89	58,000	50,000	170	8,500	5.30	45,050

Watermelons: Production sold, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Apr	May	Jun	Jul	Total
			1,000 cwt		
1984-85	179	4,392	4,124	269	8,964
1985-86	88	4,042	4,068	551	8,749
1986-87	87	2,063	4,184	904	7,238
1987-88	--	2,773	5,224	1,216	9,213
1988-89	297	3,825	4,182	196	8,500
			Percent		
1984-85	2.0	49.0	46.0	3.0	100.0
1985-86	1.0	46.2	46.5	6.3	100.0
1986-87	1.2	28.5	57.8	12.5	100.0
1987-88	--	30.1	56.7	13.2	100.0
1988-89	3.5	45.0	49.2	2.3	100.0

Watermelons: Average value per cwt for fresh market sales, monthly, Florida, crop years 1984-85 through 1988-89

Crop year	Apr	May	Jun	Jul	Average
			Dollars		
1984-85	12.00	8.10	3.55	3.50	5.95
1985-86	16.00	7.00	5.50	5.00	6.23
1986-87	18.00	12.50	9.50	3.00	9.64
1987-88	--	10.00	5.50	5.00	6.79
1988-89	9.50	6.80	3.70	3.80	5.30

Watermelons: Acreage and production by areas, Florida, 1988-89 crop year

Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Cwt	1,000 cwt
West	5,200	4,500	90	410
North	28,600	24,700	170	4,170
Central	13,500	11,600	180	2,080
South	10,700	9,200	200	1,840
State	58,000	50,000	170	8,500

Watermelons: Acreage harvested by selected counties, Florida, crop years 1983-84 through 1988-89

Counties	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
				Acres		
Alachua	4,300	4,300	4,000	3,650	3,750	3,800
Bradford	1/	1/	1/	1/	300	300
Calhoun	400	400	400	400	400	400
Charlotte	900	900	600	600	600	900
Citrus	500	800	600	650	650	450
Collier	3,100	3,500	3,500	3,400	4,000	4,600
Columbia	2,300	1,800	1,800	1,700	1,500	900
Desoto	4,500	3,600	2,800	2,700	2,500	2,500
Dixie	600	600	600	600	700	700
Gilchrist	3,400	3,400	3,200	3,000	3,000	3,000
Hardee	900	1,100	1,400	1,300	1,250	1,800
Hendry	3,000	2,800	2,600	2,500	2,500	2,500
Hernando	300	200	200	200	200	200
Highlands	300	300	300	300	300	300
Hillsborough	600	600	500	500	500	500
Holmes	1,900	1,600	1,500	1,300	1,600	1,000
Jackson	1,000	900	850	950	1,500	1,800
Jefferson	1,900	1,700	1,500	1,400	1,400	1,400
Lafayette	3,000	2,800	2,000	2,000	2,500	2,500
Lake	500	500	500	500	500	500
Lee	600	1,000	800	700	800	1,100
Levy	4,200	4,300	4,000	3,900	3,500	2,900
Madison	1,300	900	500	500	500	500
Manatee	1,400	1,500	1,200	1,150	1,200	1,400
Marion	3,400	3,100	3,000	2,900	2,700	2,100
Okeechobee	400	400	400	400	400	400
Polk	700	800	600	600	500	500
Putnam	300	200	200	200	200	200
Sarasota	200	1/	1/	1/	200	200
Sumter	2,600	1,900	1,800	1,700	1,800	1,800
Suwannee	3,800	2,400	2,300	2,700	4,000	4,500
Union	1,600	1,200	700	700	700	700
Washington	600	500	800	800	800	800
Other counties	5,500	4,000	2,400	2,200	2,850	2,850
State	60,000	54,000	47,550	46,100	49,800	50,000

1/ Included in other counties.

Shipments to other States and Canada and exports to other countries by months and all methods of shipment from Florida, crop year 1988-89

Commodity	1988			1989							
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
	1,000 cwt										
Vegetables											
Snap beans	21	139	118	128	150	97	149	275	10	0	1,087
Cabbage	0	10	183	339	391	552	429	226	14	0	2,144
Carrots	0	2	48	128	194	179	145	98	25	0	819
Cauliflower	0	0	6	5	4	4	7	3	0	0	29
Celery	0	50	358	332	332	329	430	448	166	5	2,450
Chinese cabbage	0	0	10	11	13	15	12	8	2	0	71
Sweet corn	75	101	101	70	90	117	182	1,412	848	63	3,060
Cucumbers	345	597	223	28	47	194	596	989	177	10	3,206
Eggplant	29	55	43	54	42	48	51	77	49	4	451
Endive-Escarole	4	32	48	50	47	40	51	21	0	0	293
Greens	1	0	2	3	8	10	7	1	0	0	33
Lettuce	3	53	133	206	234	154	115	30	0	0	928
Okra	10	16	6	3	2	4	4	20	29	16	110
Dry onions	0	0	0	0	0	1	1	1	0	0	3
Parsley	0	9	22	16	16	12	17	8	2	0	102
Green peppers	43	299	412	326	295	368	418	549	187	2	2,899
Radishes	52	94	97	86	88	85	116	126	34	0	778
Southern peas	2	3	2	3	2	2	3	5	2	0	24
Squash	118	244	165	213	179	134	276	207	30	6	1,572
Tomatoes	247	1,446	2,262	1,793	1,065	2,120	1,820	2,989	1,159	10	14,911
Cherry tomatoes	9	57	47	17	14	34	19	72	41	2	312
Other veg.	34	43	53	71	60	73	51	42	18	14	459
Total Veg.	993	3,250	4,339	3,882	3,272	4,572	4,899	7,608	2,792	132	35,741
Potatoes	0	0	16	7	119	403	1,065	3,658	1,396	0	6,664
Strawberries	0	0	50	98	76	328	28	3	0	0	583
Watermelons	0	0	55	0	0	12	221	3,007	3,770	162	7,225
Total	993	3,250	4,460	3,987	3,468	5,315	6,213	14,275	7,958	294	50,213

Snap Beans: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
		1,000 bushels									
1985-86	Truck										
	Fresh	43	390	451	387	304	361	561	408	29	2,934
	For Proc.	--	--	--	--	--	--	--	7	--	7
	Export	--	--	--	--	--	--	--	--	--	--
	Total	43	390	451	387	304	361	561	415	29	2,941
1986-87	Truck										
	Fresh	66	474	445	326	295	502	583	368	41	3,100
	For proc.	--	29	--	--	--	2	12	35	4	82
	Export	--	--	--	--	--	--	--	--	--	--
	Total	66	503	445	326	295	504	595	403	45	3,182
1987-88	Truck										
	Fresh	47	367	434	455	385	419	658	470	34	3,269
	For proc.	--	10	--	7	--	--	8	70	8	103
	Export	--	--	--	--	--	--	--	--	--	--
	Total	47	377	434	462	385	419	666	540	42	3,372
1988-89	Truck										
	Fresh	68	431	393	419	486	323	461	664	33	3,278
	For proc.	2	34	--	7	15	--	34	254	--	346
	Export	--	--	--	--	--	--	--	--	--	--
	Total	70	465	393	426	501	323	495	918	33	3,624

Cabbage: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
						1,000 crates					
1985-86	Piggy-back	--	--	--	5	17	23	24	20	--	89
	Fresh	--	9	112	489	550	680	1,059	596	24	3,519
	For Proc.	--	--	--	--	--	--	1	13	--	14
	Export	--	--	--	1	--	1	5	1	--	8
	Total	--	9	112	495	567	704	1,089	630	24	3,630
1986-87	Piggy-back	--	--	23	17	15	27	54	44	--	180
	Fresh	2	21	359	628	586	549	787	509	53	3,494
	For proc.	--	--	--	--	--	--	11	18	2	31
	Export	--	--	--	1	--	--	--	--	--	1
	Total	2	21	382	646	601	576	852	571	55	3,706
1987-88	Piggy-back	--	--	7	13	8	36	43	51	2	160
	Fresh	--	21	258	653	695	990	862	550	39	4,068
	For proc.	--	--	--	--	1	1	2	14	1	19
	Export	--	1	1	--	1	1	1	--	--	5
	Total	--	22	266	666	705	1,028	908	615	42	4,252
1988-89	Piggy-back	--	--	11	17	16	67	35	42	--	188
	Fresh	--	21	354	659	761	1,026	807	385	27	4,040
	For proc.	--	--	1	--	5	10	16	24	1	57
	Export	--	--	--	1	--	1	--	--	--	2
	Total	--	21	366	677	782	1,104	858	451	28	4,287

Carrots: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
						1,000 sacks					
1985-86	Piggy-back	--	--	1	2	3	17	4	6	6	39
	Truck										
	Fresh-mini	2	7	14	21	20	32	37	35	16	184
	Fresh-other	--	7	35	101	80	129	162	201	127	842
	For proc.	--	--	--	31	63	69	107	58	5	333
	Export	--	85	--	10	2	24	45	19	6	191
	Total	2	99	50	165	168	271	355	319	160	1,589
1986-87	Piggy-back	--	--	1	1	24	26	33	29	8	122
	Truck										
	Fresh-mini	4	10	19	35	47	50	40	38	16	259
	Fresh-other	3	7	35	184	252	314	199	150	85	1,229
	For proc.	--	--	4	39	61	50	45	22	7	228
	Export	--	--	--	17	15	5	7	3	4	51
	Total	7	17	59	276	399	445	324	242	120	1,889
1987-88	Piggy-back	--	--	10	25	26	35	54	32	16	198
	Truck										
	Fresh-mini	2	9	22	50	42	46	46	40	19	276
	Fresh-other	2	7	58	186	179	290	264	154	103	1,243
	For proc.	--	--	8	45	108	84	54	51	17	367
	Export	--	--	1	10	32	27	29	16	6	121
	Total	4	16	99	316	387	482	447	293	161	2,205
1988-89	Piggy-back	--	--	2	21	31	19	22	16	4	115
	Truck										
	Fresh-mini	--	--	--	--	--	--	--	--	--	--
	Fresh-other	--	3	91	207	299	262	216	162	44	1,284
	For proc.	--	2	6	35	75	73	65	27	3	286
	Export	--	--	--	4	--	18	--	--	--	22
	Total	--	5	99	267	405	372	303	205	51	1,707

Cauliflower: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
						1,000 cartons					
1985-86	Truck	--	12	80	69	90	49	58	11	--	369
	Total	--	12	80	69	90	49	58	11	--	369
1986-87	Truck	--	5	14	45	98	32	21	6	--	221
	Total	--	5	14	45	98	32	21	6	--	221
1987-88	Piggy-back	--	--	--	--	--	3	--	--	--	3
	Truck	--	22	47	45	18	40	64	8	3	247
	Total	--	22	47	45	18	43	64	8	3	250
1988-89	Truck	--	--	25	22	17	15	26	11	1	117
	Total	--	--	25	22	17	15	26	11	1	117

Celery: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
							1,000 crates					
1985-86	Piggy-back	--	4	13	24	38	82	81	103	45	--	390
	Truck	--	139	338	499	448	592	657	709	284	5	3,671
	Export	--	--	1	1	--	1	9	1	--	--	13
	Total	--	143	352	524	486	675	747	813	329	5	4,074
1986-87	Piggy-back	--	11	40	35	50	67	61	99	49	10	422
	Truck	4	157	425	447	552	597	607	724	316	25	3,854
	Export	--	--	--	--	2	3	--	13	2	--	20
	Total	4	168	465	482	604	667	668	836	367	35	4,296
1987-88	Piggy-back	--	11	45	50	49	81	104	108	40	--	488
	Truck	--	123	401	404	491	549	579	620	253	--	3,420
	Export	--	--	--	2	5	1	6	2	--	--	16
	Total	--	134	446	456	545	631	689	730	293	--	3,924
1988-89	Piggy-back	--	7	43	50	60	66	80	82	26	--	414
	Truck	--	76	555	503	494	483	636	664	250	8	3,669
	Export	--	--	--	--	--	--	--	--	--	--	--
	Total	--	83	598	553	554	549	716	746	276	8	4,083

Chinese cabbage: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
						1,000 crates					
1985-86	Truck	--	6	24	56	38	47	45	25	3	244
	Export	--	--	--	--	--	--	--	--	--	--
	Total	--	6	24	56	38	47	45	25	3	244
1986-87	Truck	1	11	31	30	28	36	37	33	2	209
	Export	--	1	--	--	--	--	--	--	--	1
	Total	1	12	31	30	28	36	37	33	2	210
1987-88	Truck	1	11	29	41	23	46	36	18	4	209
	Export	--	--	--	--	--	--	--	--	--	--
	Total	1	11	29	41	23	46	36	18	4	209
1988-89	Truck	--	--	20	22	25	30	25	17	3	142
	Export	--	--	--	--	--	--	--	--	--	--
	Total	--	--	20	22	25	30	25	17	3	142

Sweet corn: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Oct 1/	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
							1,000 crates					
1985-86	Piggy-back	--	1	--	--	--	--	6	168	254	4	433
	Truck	294	397	345	243	118	180	608	2,533	1,897	114	6,729
	Export	--	2	1	1	--	--	1	--	--	--	5
	Total	294	400	346	244	118	180	615	2,701	2,151	118	7,167
1986-87	Piggy-back	1	7	4	--	--	--	28	195	199	21	455
	Truck	221	425	309	238	171	313	1,150	2,285	1,839	150	7,101
	Export	--	1	1	--	2	1	--	2	--	--	7
	Total	222	433	314	238	173	314	1,178	2,482	2,038	171	7,563
1987-88	Piggy-back	3	5	--	--	--	3	14	164	67	15	271
	Truck	251	442	228	234	188	440	1,000	3,189	2,104	167	8,243
	Export	1	1	--	1	1	1	1	2	--	--	8
	Total	255	448	228	235	189	444	1,015	3,355	2,171	182	8,522
1988-89	Piggy-back	1	--	2	--	--	--	2	117	103	3	228
	Truck	178	240	239	166	213	278	432	3,245	1,917	148	7,056
	Export	--	--	--	1	--	1	--	--	--	--	2
	Total	179	240	241	167	213	279	434	3,362	2,020	151	7,285

1/ Includes September shipments.

Cucumbers: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Oct 1/	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul 2/	Total
							1,000 crates					
1985-86	Piggy-back	--	1	5	5	--	--	11	6	1	--	29
	Truck											
	Fresh	322	935	491	223	136	255	1,224	1,274	221	12	5,093
	For proc.	33	49	15	1	--	--	2	36	2	--	138
	Total	355	985	511	229	136	255	1,237	1,316	224	12	5,260
1986-87	Piggy-back	--	17	3	--	--	13	13	22	4	--	72
	Truck											
	Fresh	433	892	420	144	247	572	1,648	2,838	1,650	121	8,965
	For proc.	12	29	7	--	--	1	13	16	37	--	115
	Total	445	938	430	144	247	586	1,674	2,876	1,691	121	9,152
1987-88	Piggy-back	1	3	1	1	--	--	9	17	2	--	34
	Truck											
	Fresh	344	757	358	225	157	314	1,090	1,396	359	14	5,014
	For proc.	8	51	11	--	5	--	13	85	22	--	195
	Total	353	811	370	226	162	314	1,112	1,498	383	14	5,243
1988-89	Piggy-back	2	--	--	--	2	--	12	32	3	--	51
	Truck											
	Fresh	585	1,000	393	49	82	352	1,039	1,602	279	18	5,399
	For Proc.	40	86	13	2	2	--	32	165	39	--	379
	Total	627	1,086	406	51	86	352	1,083	1,799	321	18	5,829

1/ Includes September shipments.
2/ Includes any August shipments.

Eggplant: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Oct 1/	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
						1,000 cartons						
1985-86	Truck	120	190	137	169	94	73	163	236	151	18	1,351
	Export	--	1	--	--	--	--	--	--	--	--	1
	Total	120	191	137	169	94	73	163	236	151	18	1,352
1986-87	Truck	115	205	163	157	124	77	165	188	124	23	1,341
	Export	--	--	--	--	--	--	--	--	--	--	--
	Total	115	205	163	157	124	77	165	188	124	23	1,341
1987-88	Truck	119	148	121	146	77	70	96	181	156	38	1,152
	Export	--	--	--	--	--	--	--	--	--	--	--
	Total	119	148	121	146	77	70	96	181	156	38	1,152
1988-89	Truck	88	166	129	164	127	145	156	234	148	11	1,368
	Export	--	--	--	--	--	--	--	--	--	--	--
	Total	88	166	129	164	127	145	156	234	148	11	1,368

1/ Includes September shipments.

Endive-Escarole: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
						1,000 crates					
1985-86	Truck										
	Fresh	10	149	223	243	174	253	235	156	--	1,443
	Total	10	149	223	243	174	253	235	156	--	1,443
1986-87	Truck										
	Fresh	8	132	168	199	188	217	195	142	3	1,252
	Total	8	132	168	199	188	217	195	142	3	1,252
1987-88	Truck										
	Fresh	--	148	226	274	220	213	198	116	2	1,397
	Total	--	148	226	274	220	213	198	116	2	1,397
1988-89	Truck										
	Fresh	15	128	192	201	188	159	204	83	1	1,171
	Total	15	128	192	201	188	159	204	83	1	1,171

Greens: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
						1,000 crates					
1985-86	Truck										
	Fresh	--	6	38	92	120	110	56	11	--	433
	Total	--	6	38	92	120	110	56	11	--	433
1986-87	Truck										
	Fresh	--	4	506	82	88	74	67	15	--	836
	Total	--	4	506	82	88	74	67	15	--	836
1987-88	Truck										
	Fresh	--	1	8	52	44	33	20	8	--	166
	Total	--	1	8	52	44	33	20	8	--	166
1988-89	Truck										
	Fresh	1	--	6	10	24	28	21	4	1	95
	Total	1	--	6	10	24	28	21	4	1	95

Lettuce: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
						1,000 cartons					
1985-86	Piggy-back	--	4	32	38	39	61	102	76	--	352
	Truck										
	Iceberg	--	28	192	260	161	215	318	229	--	1,403
	Romaine	3	55	65	57	38	115	85	49	--	467
	Other 1/	1	35	93	114	59	107	125	59	--	593
	Export	--	--	--	--	--	--	--	--	--	--
	Total	4	122	382	469	297	498	630	413	--	2,815
1986-87	Piggy-back	--	6	17	23	26	45	56	14	--	187
	Truck										
	Iceberg	1	8	79	124	213	235	235	107	1	1,003
	Romaine	2	31	36	54	60	81	33	18	1	316
	Other 1/	4	24	53	55	60	97	63	25	1	382
	Export	--	--	--	--	--	--	--	--	--	--
	Total	7	69	185	256	359	458	387	164	3	1,888
1987-88	Piggy-back	--	--	22	27	37	33	45	8	--	172
	Truck										
	Iceberg	--	10	124	314	413	301	255	59	--	1,476
	Romaine	--	36	74	137	76	66	59	18	--	466
	Other 1/	--	34	142	167	118	100	97	19	--	677
	Export	--	--	2	2	3	4	2	2	--	15
	Total	--	80	364	647	647	504	458	106	--	2,806
1988-89	Piggy-back	--	4	27	18	63	16	13	5	--	146
	Truck										
	Iceberg	--	25	171	308	347	278	173	49	--	1,351
	Romaine	5	69	67	98	121	44	48	14	--	466
	Other 1/	3	44	94	130	101	73	78	14	--	537
	Export	--	--	--	4	--	4	--	--	--	8
	Total	8	142	359	558	632	415	312	82	--	2,508

1/ Average weight per carton for other lettuce (bibb, Boston, and leaf types) is estimated at 16 pounds, and varies according to mix of these products.

Okra: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Oct 1/	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul 2/	Total
						1,000 bushels						
1985-86	Truck	29	37	12	5	4	14	13	59	58	38	269
	Total	29	37	12	5	4	14	13	59	58	38	269
1986-87	Truck	48	57	18	13	8	13	20	49	65	58	349
	Total	48	57	18	13	8	13	20	49	65	58	349
1987-88	Truck	30	18	28	17	8	10	13	30	61	103	318
	Total	30	18	28	17	8	10	13	30	61	103	318
1988-89	Truck	34	53	20	9	8	14	15	65	97	53	368
	Total	34	53	20	9	8	14	15	65	97	53	368

1/ Includes September shipments.
2/ Includes any August shipments.

Dry onions: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
						1,000 sacks					
1985-86	Truck	--	1	--	--	--	--	--	1	1	3
	Total	--	1	--	--	--	--	--	1	1	3
1986-87	Truck	--	--	--	--	--	--	15	2	1	18
	Total	--	--	--	--	--	--	15	2	1	18
1987-88	Truck	--	--	--	--	--	--	3	4	--	7
	Total	--	--	--	--	--	--	3	4	--	7
1988-89	Truck	--	--	--	--	--	2	1	2	--	5
	Total	--	--	--	--	--	2	1	2	--	5

Parsley: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
						1,000 crates					
1985-86	Truck	--	49	79	66	59	83	76	50	3	465
	Total	--	49	79	66	59	83	76	50	3	465
1986-87	Truck	4	62	79	65	68	75	79	41	3	476
	Total	4	62	79	65	68	75	79	41	3	476
1987-88	Truck	3	53	80	85	73	78	74	36	2	484
	Total	3	53	80	85	73	78	74	36	2	484
1988-89	Truck	1	42	104	75	75	59	83	39	7	485
	Total	1	42	104	75	75	59	83	39	7	485

Green peppers: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
							1,000 bushels					
1985-86	Piggy-back	--	1	14	6	4	4	10	17	6	--	62
	Truck	161	767	935	808	520	787	1,500	1,741	686	11	7,916
	Export	--	2	1	--	--	--	--	--	--	--	3
	Total	161	770	950	814	524	791	1,510	1,758	692	11	7,981
1986-87	Piggy-back	--	3	8	12	8	13	8	13	--	--	65
	Truck	179	925	1,366	904	824	936	1,246	1,580	452	11	8,423
	Export	--	--	--	--	3	--	--	3	--	--	6
	Total	179	928	1,374	916	835	949	1,254	1,596	452	11	8,494
1987-88	Piggy-back	--	11	11	18	14	28	12	6	6	2	108
	Truck	105	736	1,187	864	810	1,111	1,669	1,977	902	34	9,395
	Export	--	--	3	4	1	--	1	--	--	--	9
	Total	105	747	1,201	886	825	1,139	1,682	1,983	908	36	9,512
1988-89	Piggy-back	--	9	24	24	16	15	15	19	8	--	130
	Truck	153	1,058	1,447	1,137	1,037	1,298	1,479	1,941	661	7	10,218
	Export	--	--	--	3	--	3	--	--	--	--	6
	Total	153	1,067	1,471	1,164	1,053	1,316	1,494	1,960	669	7	10,354

Irish potatoes: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
						1,000 cwt					
1985-86	Piggy-back	--	--	--	--	--	22	223	84	--	329
	Truck	--	--	4	118	328	1,370	3,281	1,548	11	6,660
	Export	--	--	--	--	--	--	--	--	--	--
	Total	--	--	4	118	328	1,392	3,504	1,632	11	6,989
1986-87	Piggy-back	--	--	--	--	6	25	225	51	--	307
	Truck	1	13	7	104	362	783	2,848	904	3	5,025
	Export	--	--	--	--	--	--	--	--	--	--
	Total	1	13	7	104	368	808	3,073	955	3	5,332
1987-88	Piggy-back	--	--	--	--	2	31	229	76	--	338
	Truck	3	12	2	52	327	761	3,016	1,454	21	5,648
	Export	--	--	--	--	--	--	--	--	--	--
	Total	3	12	2	52	329	792	3,245	1,530	21	5,986
1988-89	Piggy-back	--	--	--	3	4	24	268	62	--	361
	Truck	--	16	7	116	399	1,041	3,390	1,334	--	6,303
	Export	--	--	--	--	--	--	--	--	--	--
	Total	--	16	7	119	403	1,065	3,658	1,396	--	6,664

Radishes: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
						1,000 cwt					
1985-86	Piggy-back	8	62	59	39	40	45	51	57	--	361
	Truck	18	47	41	40	34	43	47	49	6	325
	Export	--	5	2	2	--	--	--	--	--	9
	Total	26	114	102	81	74	88	98	106	6	695
1986-87	Piggy-back	50	46	45	43	48	49	47	46	4	378
	Truck	21	35	36	32	36	44	52	53	7	316
	Export	--	2	--	--	--	--	--	--	--	2
	Total	71	83	81	75	84	93	99	99	11	696
1987-88	Piggy-back	29	16	32	40	46	40	62	16	14	295
	Truck	18	30	55	39	38	51	50	47	6	334
	Export	--	--	--	--	--	--	--	--	--	--
	Total	47	46	87	79	84	91	112	63	20	629
1988-89	Piggy-back	35	50	52	40	44	45	62	80	26	434
	Truck	17	44	45	46	44	40	54	46	8	344
	Export	--	--	--	--	--	--	--	--	--	--
	Total	52	94	97	86	88	85	116	126	34	778

Southern peas: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Oct 1/	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun 2/	Total
						1,000 bushels					
1985-86	Truck	15	8	13	13	12	19	20	36	11	147
	Total	15	8	13	13	12	19	20	36	11	147
1986-87	Truck	14	19	16	9	8	13	18	26	12	135
	Total	14	19	16	9	8	13	18	26	12	135
1987-88	Truck	10	9	13	6	4	8	12	12	9	83
	Total	10	9	13	6	4	8	12	12	9	83
1988-89	Truck	6	11	11	14	8	7	10	20	10	97
	Total	6	11	11	14	8	7	10	20	10	97

1/ Includes September shipments.
2/ Includes any July shipments.

Squash: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Oct 1/	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
							1,000 bushels					
1985-86	Truck	141	436	345	250	216	390	686	441	30	2	2,937
	Total	141	436	345	250	216	390	686	441	30	2	2,937
1986-87	Truck	303	425	312	200	224	369	502	442	55	5	2,837
	Total	303	425	312	200	224	369	502	442	55	5	2,837
1987-88	Truck	181	314	399	337	251	473	742	489	75	1	3,262
	Total	181	314	399	337	251	473	742	489	75	1	3,262
1988-89	Truck	282	582	392	507	424	320	657	492	71	15	3,742
	Total	282	582	392	507	424	320	657	492	71	15	3,742

1/ Includes September shipments.

Strawberries: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method shipment	Dec	Jan	Feb	Mar	Apr	May	Total
					1,000 flats			
1985-86	Air	25	10	—	—	—	—	35
	Truck	140	356	125	1,621	1,004	158	3,404
	Export	7	10	—	2	—	—	19
	Total	172	376	125	1,623	1,004	158	3,458
1986-87	Air	41	5	—	—	—	—	46
	Truck	205	418	143	1,565	998	130	3,459
	Export	15	6	2	—	—	—	23
	Total	261	429	145	1,565	998	130	3,528
1987-88	Air	36	32	6	—	—	—	74
	Truck	234	758	495	1,979	769	82	4,317
	Export	4	9	5	—	—	—	18
	Total	274	799	506	1,979	769	82	4,409
1988-89	Air	10	10	2	—	—	—	22
	Truck	391	795	627	2,735	232	24	4,804
	Export	14	10	8	—	—	—	32
	Total	415	815	637	2,735	232	24	4,858

Tomatoes: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
							1,000 cartons					
1985-86	Piggy-back	42	206	114	194	213	264	352	394	365	--	2,144
	Truck	690	5,467	5,412	5,059	3,579	4,185	6,958	11,037	5,837	26	48,250
	Export	--	--	--	--	--	--	--	--	--	--	--
	Total	732	5,673	5,526	5,253	3,792	4,449	7,310	11,431	6,202	26	50,394
1966-87	Piggy-back	15	160	314	270	216	191	514	434	391	2	2,507
	Truck	729	5,612	8,228	5,789	3,697	3,509	7,827	11,436	4,163	82	51,072
	Export	--	--	--	--	--	--	--	--	--	--	--
	Total	744	5,772	8,542	6,059	3,913	3,700	8,341	11,870	4,554	84	53,579
1987-88	Piggy-back	29	95	210	165	176	290	316	420	186	5	1,892
	Truck	419	4,983	7,881	5,778	4,633	5,984	8,396	11,968	6,568	99	56,709
	Export	--	--	--	--	--	--	--	--	--	--	--
	Total	448	5,078	8,091	5,943	4,809	6,274	8,712	12,388	6,754	104	58,601
1988-89	Piggy-back	29	168	280	226	124	316	231	295	157	5	1,831
	Truck	960	5,617	8,768	6,942	4,134	8,166	7,048	11,662	4,478	36	57,811
	Export	--	--	--	2	--	--	--	--	--	--	2
	Total	989	5,785	9,048	7,170	4,258	8,482	7,279	11,957	4,635	41	59,644

Cherry Tomatoes: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1987-88 through 1988-89

Crop year	Method of shipment	Oct 1/	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
							1,000 cwt					
1987-88	Truck	18	47	37	22	15	17	27	62	56	4	305
	Total	18	47	37	22	15	17	27	62	56	4	305
1988-89	Truck	9	57	47	17	14	34	19	72	41	2	312
	Total	9	57	47	17	14	34	19	72	41	2	312

1/ Includes September shipments.

Watermelons: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Dec 1/	Jan	Feb	Mar	Apr	May	Jun	Jul 2/	Total
						Loads 3/				
1985-86	Piggy-back	3	--	--	--	--	796	615	33	1,447
	Truck	80	2	--	--	148	6,574	7,234	1,867	15,905
	Export	3	--	--	--	--	--	1	--	4
	Total	86	2	--	--	148	7,370	7,850	1,900	17,356
1986-87	Piggy-back	2	2	2	--	--	245	550	132	933
	Truck	236	93	69	66	159	2,917	5,711	1,217	10,468
	Export	--	--	--	--	--	--	--	--	--
	Total	238	95	71	66	159	3,162	6,261	1,349	11,401
1987-88	Piggy-back	2	--	--	--	2	824	1,186	44	2,058
	Truck	152	--	--	--	36	4,381	8,839	923	14,331
	Export	--	--	--	--	--	--	--	--	--
	Total	154	--	--	--	38	5,205	10,025	967	16,389
1988-89	Piggy-back	4	--	--	--	70	926	828	12	1,840
	Truck	118	--	--	26	420	5,755	7,549	347	14,215
	Export	--	--	--	--	--	--	--	--	--
	Total	122	--	--	26	490	6,681	8.377	359	16,055

1/ Includes shipments prior to December.
2/ Includes any August shipments.
3/ 45,000 pounds per load.

Other vegetables: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1985-86 through 1988-89

Crop year	Method of shipment	Oct 1/	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
							1,000 cwt					
1985-86	Truck											
	Fresh	50	--	24	109	104	131	95	90	13	--	616
	For proc.	--	10	16	9	12	19	12	10	--	--	88
	Total	50	10	40	118	116	150	107	100	13	--	704
1986-87	Truck											
	Fresh	9	22	31	35	41	51	42	31	5	7	274
	For proc.	--	--	--	--	--	--	--	--	--	--	--
	Total	9	22	31	35	41	51	42	31	5	7	274
1987-88	Truck											
	Fresh	17	20	36	36	49	56	46	35	7	5	307
	For proc.	--	--	--	--	--	--	--	--	--	--	--
	Total	17	20	36	36	49	56	46	35	7	5	307
1988-89	Truck											
	Fresh	34	43	53	71	60	73	51	42	18	14	459
	For proc.	--	--	--	--	--	--	--	--	--	--	--
	Total	34	43	53	71	60	73	51	42	18	14	459

1/ Includes September shipments.

Snap beans: Rail and truck arrivals from Florida and other States, October 1988 through June 1989

City	1,000 bushels received from - -					
	Florida		Other states		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	141	--	59	--	200
Balt-Wash	--	139	--	73	--	212
Boston	1	201	1	83	2	284
Buffalo	--	22	--	3	--	25
Chicago	--	160	--	62	--	222
Cincinnati	--	68	--	34	--	102
Columbia, S.C.	--	50	--	49	--	99
Dallas	--	26	--	77	--	103
Denver	--	7	--	13	--	20
Detroit	--	102	--	34	--	136
Los Angeles	--	1	--	252	--	253
Miami	--	60	--	13	--	73
New Orleans	--	21	--	12	--	33
New York-Newark	--	171	--	60	--	231
Philadelphia	--	87	--	56	--	143
Pittsburgh	--	39	--	9	--	48
St. Louis	--	36	--	19	--	55
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	22	--	250	--	272
Seattle-Tacoma	--	4	--	36	--	40
Total U.S.	1	1,357	1	1,194	2	2,551
Montreal	--	144	--	33	--	177
Ottawa	--	--	--	--	--	--
Toronto	--	275	--	70	--	345
Vancouver	--	1	--	34	--	35
Winnipeg	--	4	--	5	--	9
Total Canadian	--	424	--	142	--	566
Total	1	1,781	1	1,336	2	3,117

Cabbage: Rail and truck arrivals from Florida and other States, October 1988 through June 1989

City	1,000 crates received from - -					
	Florida		Other states		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	208	--	385	--	593
Balt-Wash	7	245	--	326	7	571
Boston	3	229	--	396	3	625
Buffalo	--	16	--	110	--	126
Chicago	--	71	9	581	9	652
Cincinnati	--	41	--	403	--	444
Columbia, S.C.	--	75	--	89	--	164
Dallas	--	--	--	339	--	339
Denver	--	--	--	110	--	110
Detroit	--	56	--	181	--	237
Los Angeles	--	--	--	1,303	--	1,303
Miami	--	88	--	53	--	141
New Orleans	--	6	--	165	--	171
New York-Newark	151	171	3	189	154	360
Philadelphia	17	186	2	213	19	399
Pittsburgh	--	78	--	224	--	302
St. Louis	--	3	--	255	--	258
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	622	--	622
Seattle-Tacoma	--	--	--	312	--	312
Total U.S.	178	1,473	14	6,256	192	7,729
Montreal	--	5	--	589	--	594
Ottawa	--	--	--	--	--	--
Toronto	--	--	--	391	--	391
Vancouver	--	1	--	186	--	187
Winnipeg	--	--	--	121	--	121
Total Canadian	--	6	--	1,287	--	1,293
Total	178	1,479	14	7,543	192	9,022

Cantaloups: Rail and truck arrivals from Florida and other States, October 1988 through June 1989

City	1,000 crates received from - -					
	Florida		Other states		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	8	--	573	--	581
Balt-Wash	--	--	19	658	19	658
Boston	--	--	97	944	97	944
Buffalo	--	--	7	147	7	147
Chicago	--	--	511	1,095	511	1,095
Cincinnati	--	--	--	454	--	454
Columbia, S.C.	--	10	--	167	--	177
Dallas	--	--	--	362	--	362
Denver	--	--	--	207	--	207
Detroit	--	--	--	333	--	333
Los Angeles	--	--	--	1,821	--	1,821
Miami	--	--	--	113	--	113
New Orleans	--	--	--	183	--	183
New York-Newark	--	--	315	541	315	541
Philadelphia	--	--	139	531	139	531
Pittsburgh	--	--	--	306	--	306
St. Louis	--	--	--	254	--	254
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	893	--	893
Seattle-Tacoma	--	--	--	583	--	583
Total U.S.	--	18	1,088	10,165	1,088	10,183
Montreal	--	--	--	229	--	229
Ottawa	--	--	--	--	--	--
Toronto	--	--	--	582	--	582
Vancouver	--	--	--	123	--	123
Winnipeg	--	--	--	44	--	44
Total Canadian	--	--	--	978	--	978
Total	--	18	1,088	11,143	1,088	11,161

Carrots: Rail and truck arrivals from Florida and other States,
October 1988 through June 1989

City	1,000 bags received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	80	2	145	2	225
Balt-Wash	5	31	104	260	109	291
Boston	16	52	670	328	686	380
Buffalo	--	14	180	234	180	248
Chicago	--	40	364	486	364	526
Cincinnati	--	18	9	249	9	267
Columbia, S.C.	--	25	--	17	--	42
Dallas	--	2	--	312	--	314
Denver	--	--	--	202	--	202
Detroit	--	1	86	317	86	318
Los Angeles	--	--	--	1,615	--	1,615
Miami	--	50	90	44	90	94
New Orleans	--	13	--	79	--	92
New York-Newark	76	29	878	262	954	291
Philadelphia	4	44	295	227	299	271
Pittsburgh	--	21	160	229	160	250
St. Louis	--	6	52	202	52	208
San Antonio	--	--	--	--	--	--
San Fran-Okland	--	--	--	841	--	841
Seattle-Tacoma	--	--	--	517	--	517
Total U.S.	101	426	2,890	6,566	2,991	6,992
Montreal	--	45	258	651	258	696
Ottawa	--	--	--	--	--	--
Toronto	--	3	241	579	241	582
Vancouver	--	3	56	402	56	405
Winnipeg	--	2	--	223	--	225
Total Canadian	--	53	555	1,855	555	1,908
Total	101	479	3,445	8,421	3,546	8,900

Cauliflower: Rail and truck arrivals from Florida and other States,
October 1988 through June 1989

City	1,000 cartons received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	1	--	209	--	210
Balt-Wash	--	9	29	370	29	379
Boston	--	4	139	399	139	403
Buffalo	--	1	--	110	--	111
Chicago	--	8	341	544	341	552
Cincinnati	--	2	2	362	2	364
Columbia, S.C.	--	2	--	21	--	23
Dallas	--	--	--	235	--	235
Denver	--	--	--	194	--	194
Detroit	--	3	--	271	--	274
Los Angeles	--	--	--	1,121	--	1,121
Miami	--	10	--	88	--	98
New Orleans	--	1	--	143	--	144
New York-Newark	--	1	219	232	219	233
Philadelphia	--	7	102	279	102	286
Pittsburgh	--	3	--	299	--	302
St. Louis	--	--	--	258	--	258
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	444	--	444
Seattle-Tacoma	--	--	--	401	--	401
Total U.S.	--	52	832	5,980	832	6,032
Montreal	--	29	9	440	9	469
Ottawa	--	--	--	--	--	--
Toronto	--	1	--	1,084	--	1,085
Vancouver	--	1	--	394	--	395
Winnipeg	--	--	--	129	--	129
Total Canadian	--	31	9	2,047	9	2,078
Total	--	83	841	8,027	841	8,110

Celery: Rail and truck arrivals from Florida and other States,
October 1988 through June 1989

City	1,000 crates received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	102	--	70	--	172
Balt-Wash	5	130	49	270	54	400
Boston	175	83	387	249	562	332
Buffalo	--	18	4	120	4	138
Chicago	--	75	668	365	668	440
Cincinnati	--	59	5	203	5	262
Columbia, S.C.	--	28	--	17	--	45
Dallas	--	5	--	191	--	196
Denver	--	--	--	195	--	195
Detroit	--	21	--	208	--	229
Los Angeles	--	6	--	2,152	--	2,158
Miami	--	72	--	51	--	123
New Orleans	--	24	--	103	--	127
New York-Newark	137	55	353	213	490	268
Philadelphia	28	115	148	196	176	311
Pittsburgh	--	100	7	137	7	237
St. Louis	--	11	--	164	--	175
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	547	--	547
Seattle-Tacoma	--	--	--	336	--	336
Total U.S.	345	904	1,621	5,787	1,966	6,691
Montreal	--	362	47	203	47	565
Ottawa	--	--	--	--	--	--
Toronto	--	117	11	543	11	660
Vancouver	--	1	3	223	3	224
Winnipeg	--	2	--	91	--	93
Total Canadian	--	482	61	1,060	61	1,542
Total	345	1,386	1,682	6,847	2,027	8,233

Chinese cabbage: Rail and truck arrivals from Florida and other States, October 1988 through June 1989

City	1,000 crates received from - -						City	1,000 crates received from - -					
	Florida		Other States		Total			Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck		Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	5	--	13	--	18	St. Louis	--	1	--	8	--	9
Balt-Wash	--	11	--	42	--	53	San Antonio	--	--	--	--	--	--
Boston	--	24	--	33	--	57	San Fran-Oakland	--	--	6	115	6	115
Buffalo	--	--	--	--	--	--	Seattle-Tacoma	--	--	--	32	--	32
Chicago	--	3	--	11	--	14	Total U.S.	--	75	7	626	7	701
Cincinnati	--	6	--	17	--	23							
Columbia, S.C.	--	1	--	3	--	4	Montreal	--	35	--	51	--	86
Dallas	--	1	--	18	--	19	Ottawa	--	--	--	--	--	--
Denver	--	--	--	11	--	11	Toronto	--	--	--	--	--	--
Detroit	--	1	--	1	--	2	Vancouver	--	1	--	42	--	43
Los Angeles	--	10	1	286	1	296	Winnipeg	--	--	--	8	--	8
Miami	--	2	--	7	--	9							
New Orleans	--	--	--	4	--	4	Total Canadian	--	36	--	101	--	137
New York-Newark	--	5	--	10	--	15							
Philadelphia	--	4	--	12	--	16							
Pittsburgh	--	1	--	3	--	4	Total	--	111	7	727	7	838

Corn: Rail and truck arrivals from Florida and other States, October 1988 through June 1989

City	1,000 crates received from - -						City	1,000 crates received from - -					
	Florida		Other States		Total			Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck		Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	206	--	28	--	234	St. Louis	--	118	--	8	--	126
Balt-Wash	18	280	--	32	18	312	San Antonio	--	--	--	--	--	--
Boston	43	248	--	77	43	325	San Fran-Oakland	--	89	--	635	--	724
Buffalo	--	45	--	3	--	48	Seattle-Tacoma	--	3	--	152	--	155
Chicago	--	343	--	22	--	365	Total U.S.	179	2,616	--	1,989	179	4,605
Cincinnati	--	221	--	28	--	249							
Columbia, S.C.	--	70	--	15	--	85	Montreal	--	35	--	13	--	48
Dallas	--	88	--	26	--	114	Ottawa	--	--	--	--	--	--
Denver	--	33	--	41	--	74	Toronto	--	117	--	5	--	122
Detroit	--	162	--	12	--	174	Vancouver	--	9	--	7	--	16
Los Angeles	--	79	--	857	--	936	Winnipeg	--	7	--	4	--	11
Miami	--	114	--	1	--	115							
New Orleans	--	77	--	7	--	84	Total Canadian	--	168	--	29	--	197
New York-Newark	81	188	--	18	81	206							
Philadelphia	37	133	--	24	37	157							
Pittsburgh	--	119	--	3	--	122	Total	179	2,784	--	2,018	179	4,802

Cucumbers: Rail and truck arrivals from Florida and other States, October 1988 through June 1989

City	1,000 crates received from - -						City	1,000 crates received from - -					
	Florida		Other States		Total			Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck		Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	134	--	85	--	219	St. Louis	--	69	--	101	--	170
Balt-Wash	--	204	--	207	--	411	San Antonio	--	--	--	--	--	--
boston	2	375	1	539	3	914	San Fran-Oakland	--	8	--	382	--	390
Buffalo	--	65	--	44	--	109	Seattle-Tacoma	--	4	--	223	--	227
Chicago	--	181	44	278	44	459	Total U.S.	36	2,064	70	3,811	106	5,875
Cincinnati	--	110	--	93	--	203							
Columbia, S.C.	--	73	--	62	--	135	Montreal	--	84	--	219	--	30
Dallas	--	18	--	172	--	190	Ottawa	--	--	--	--	--	--
Denver	--	14	--	95	--	109	Toronto	--	210	--	289	--	499
Detroit	--	190	--	177	--	367	Vancouver	--	1	--	135	--	136
Los Angeles	--	1	--	722	--	723	Winnipeg	--	13	--	53	--	66
Miami	--	33	--	54	--	87							
New Orleans	--	29	--	61	--	90	Total Canadian	--	308	--	696	--	1,004
New York-Newark	33	186	25	231	58	417							
Philadelphia	1	194	--	153	1	347							
Pittsburgh	--	176	--	132	--	308	Total	36	2,372	70	4,507	106	6,879

Eggplant: Rail and truck arrivals from Florida and other States, October 1988 through June 1989

City	1,000 cartons received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	13	--	3	--	16
Balt-Wash	--	61	--	32	--	93
Boston	4	119	--	55	4	174
Buffalo	--	12	--	7	--	19
Chicago	--	47	--	28	--	75
Cincinnati	--	14	--	10	--	24
Columbia, S.C.	--	6	--	1	--	7
Dallas	--	6	--	38	--	44
Denver	--	1	--	18	--	19
Detroit	--	43	--	14	--	57
Los Angeles	--	--	--	252	--	252
Miami	--	43	--	1	--	44
New Orleans	--	20	--	22	--	42
New York-Newark	10	150	--	78	10	228
Philadelphia	--	69	--	19	--	88
Pittsburgh	--	21	--	4	--	25
St. Louis	--	9	--	9	--	18
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	184	--	184
Seattle-Tacoma	--	--	--	45	--	45
Total U.S.	14	634	--	820	14	1,454
Montreal	--	74	--	28	--	102
Ottawa	--	--	--	--	--	--
Toronto	--	105	--	32	--	137
Vancouver	--	3	--	30	--	33
Winnipeg	--	1	--	6	--	7
Total Canadian	--	183	--	96	--	279
Total	14	817	--	916	14	1,733

Escarole: Rail and truck arrivals from Florida and other States, October 1988 through June 1989

City	1,000 crates received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	8	--	6	--	14
Balt-Wash	--	46	--	21	--	67
Boston	--	163	2	62	2	225
Buffalo	--	27	--	7	--	34
Chicago	--	37	2	26	2	63
Cincinnati	--	8	--	23	--	31
Columbia, S.C.	--	1	--	2	--	3
Dallas	--	--	--	8	--	8
Denver	--	--	--	8	--	8
Detroit	--	34	--	11	--	45
Los Angeles	--	--	22	100	22	100
Miami	--	43	--	28	--	71
New Orleans	--	5	--	8	--	13
New York-Newark	--	134	--	48	--	182
Philadelphia	--	85	--	25	--	110
Pittsburgh	--	38	--	11	--	49
St. Louis	--	5	--	7	--	12
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	9	34	9	34
Seattle-Tacoma	--	--	--	20	--	20
Total U.S.	--	634	35	455	35	1,089
Montreal	--	60	--	41	--	101
Ottawa	--	--	--	--	--	--
Toronto	--	125	--	20	--	145
Vancouver	--	--	--	6	--	6
Winnipeg	--	--	--	5	--	5
Total Canadian	--	185	--	72	--	257
Total	--	819	35	527	35	1,346

Greens: Rail and truck arrivals from Florida and other States, October 1988 through June 1989

City	1,000 bushels received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	8	--	477	--	485
Balt-Wash	--	4	--	374	--	378
Boston	--	2	--	584	--	586
Buffalo	--	2	--	45	--	47
Chicago	--	2	--	427	--	429
Cincinnati	--	8	--	552	--	560
Columbia, S.C.	--	1	--	90	--	91
Dallas	--	--	--	214	--	214
Denver	--	--	--	61	--	61
Detroit	--	2	--	272	--	274
Los Angeles	--	--	--	834	--	834
Miami	--	59	--	58	--	117
New Orleans	--	--	--	67	--	67
New York-Newark	--	46	--	361	--	407
Philadelphia	--	25	--	272	--	297
Pittsburgh	--	--	--	28	--	28
St. Louis	--	--	--	126	--	126
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	302	--	302
Seattle-Tacoma	--	--	--	150	--	150
Total U.S.	--	159	--	5,294	--	5,453
Montreal	--	--	5	30	5	30
Ottawa	--	--	--	--	--	--
Toronto	--	--	--	282	--	282
Vancouver	--	--	--	6	--	6
Winnipeg	--	--	--	2	--	2
Total Canadian	--	--	5	320	5	320
Total	--	159	5	5,614	5	5,773

Lettuce--Iceberg: Rail and truck arrivals from Florida and other States,
October 1988 through June 1989

City	1,000 cartons received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	7	--	1,311	--	1,318
Balt-Wash	--	121	288	1,213	288	1,334
Boston	25	3	3,001	1,717	3,026	1,720
Buffalo	--	1	153	477	153	478
Chicago	--	1	--	1,828	--	1,829
Cincinnati	--	--	--	1,260	--	1,260
Columbia, S.C.	--	43	--	271	--	314
Dallas	--	--	--	891	--	891
Denver	--	--	--	545	--	545
Detroit	--	3	--	882	--	885
Los Angeles	--	--	--	3,199	--	3,199
Miami	--	107	--	160	--	267
New Orleans	--	3	--	426	--	429
New York-Newark	60	14	3,943	983	4,003	997
Philadelphia	4	30	1,756	1,018	1,760	1,048
Pittsburgh	--	4	319	950	319	954
St. Louis	--	--	--	916	--	916
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	1,712	--	1,712
Seattle-Tacoma	--	--	--	1,065	--	1,065
Total U.S.	89	337	9,460	20,824	9,549	21,161
Montreal	--	439	40	839	40	1,278
Ottawa	--	--	--	--	--	--
Toronto	--	61	--	1,484	--	1,545
Vancouver	--	1	--	475	--	476
Winnipeg	--	--	--	201	--	201
Total Canadian	--	501	40	2,999	40	3,500
Total	89	838	9,500	23,823	9,589	24,661

Lettuce--Romaine: Rail and truck arrivals from Florida and other States,
October 1988 through June 1989

City	1,000 crates received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	2	--	133	--	135
Balt-Wash	--	29	--	371	--	400
Boston	54	13	340	784	394	797
Buffalo	--	1	--	38	--	39
Chicago	--	4	--	188	--	192
Cincinnati	--	3	--	97	--	100
Columbia, S.C.	--	--	--	4	--	4
Dallas	--	--	--	123	--	123
Denver	--	--	--	92	--	92
Detroit	--	--	--	228	--	228
Los Angeles	--	--	--	1,342	--	1,342
Miami	--	81	--	88	--	169
New Orleans	--	8	--	39	--	47
New York-Newark	--	26	4	239	4	265
Philadelphia	--	25	11	281	11	306
Pittsburgh	--	9	--	43	--	52
St. Louis	--	--	--	114	--	114
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	674	--	674
Seattle-Tacoma	--	--	--	358	--	358
Total U.S.	54	201	355	5,236	409	5,437
Montreal	--	244	4	350	--	594
Ottawa	--	--	--	--	--	--
Toronto	--	24	--	961	--	985
Vancouver	--	--	--	119	--	119
Winnipeg	--	--	--	101	--	101
Total Canadian	--	268	4	1,531	4	1,799
Total	54	469	359	6,767	413	7,236

Lettuce--Other: Rail and truck arrivals from Florida and other States,
October 1988 through June 1989 1/

City	1,000 crates received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	7	--	214	--	221
Balt-Wash	3	44	202	484	205	528
Boston	--	14	--	1,162	--	1,176
Buffalo	--	9	--	51	--	60
Chicago	--	7	--	352	--	359
Cincinnati	--	22	--	335	--	357
Columbia, S.C.	--	1	--	8	--	9
Dallas	--	2	--	292	--	294
Denver	--	--	--	207	--	207
Detroit	--	1	--	235	--	236
Los Angeles	--	--	--	1,704	--	1,704
Miami	--	62	--	18	--	80
New Orleans	--	10	--	75	--	85
New York-Newark	--	47	--	262	--	309
Philadelphia	--	23	1	251	1	274
Pittsburgh	--	36	--	185	--	221
St. Louis	--	2	--	149	--	151
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	1,302	--	1,302
Seattle-Tacoma	--	--	--	575	--	575
Total U.S.	3	287	203	7,861	206	8,148
Montreal	--	107	1	314	1	421
Ottawa	--	--	--	--	--	--
Toronto	--	37	--	425	--	462
Vancouver	--	--	--	449	--	449
Winnipeg	--	--	--	70	--	70
Total Canadian	--	144	1	1,258	1	1,402
Total	3	431	204	9,119	207	9,550

1/ See lettuce table, p 55.

Mixed vegetables: Rail and truck arrivals from Florida and other States, October 1988 through June 1989

City	1,000 cwt received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	--	--	--	--	--
Balt-Wash	6	--	24	--	30	--
Boston	19	--	41	--	60	--
Buffalo	--	--	1	--	1	--
Chicago	--	--	96	--	96	--
Cincinnati	--	--	--	--	--	--
Columbia, S.C.	--	--	--	--	--	--
Dallas	--	--	--	--	--	--
Denver	--	--	--	--	--	--
Detroit	--	--	--	--	--	--
Los Angeles	--	--	--	--	--	--
Miami	--	--	--	--	--	--
New Orleans	--	--	--	--	--	--
New York-Newark	54	--	94	--	148	--
Philadelphia	8	--	24	--	32	--
Pittsburgh	--	--	2	--	2	--
St. Louis	--	--	--	--	--	--
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	--	--	--
Seattle-Tacoma	--	--	--	--	--	--
Total U.S.	87	--	282	--	369	--
Montreal	--	--	--	--	--	--
Ottawa	--	--	--	--	--	--
Toronto	--	--	--	--	--	--
Vancouver	--	--	--	--	--	--
Winnipeg	--	--	--	--	--	--
Total Canadian	--	--	--	--	--	--
Total	87	--	282	--	369	--

Okra: Rail and truck arrivals from Florida and other States, October 1988 through June 1989

City	1,000 bushels received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	35	--	23	--	58
Balt-Wash	--	8	--	5	--	13
Boston	1	5	--	4	1	9
Buffalo	--	--	--	--	--	--
Chicago	--	5	--	13	--	18
Cincinnati	--	6	--	2	--	8
Columbia, S.C.	--	12	--	5	--	17
Dallas	--	--	--	25	--	25
Denver	--	--	--	--	--	--
Detroit	--	1	--	14	--	15
Los Angeles	--	--	--	103	--	103
Miami	--	4	--	2	--	6
New Orleans	--	1	--	6	--	7
New York-Newark	--	11	4	9	4	20
Philadelphia	--	3	--	2	--	5
Pittsburgh	--	--	--	--	--	--
St. Louis	--	3	--	3	--	6
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	25	--	25
Seattle-Tacoma	--	--	--	4	--	4
Total U.S.	1	94	4	245	5	339
Montreal	--	--	--	--	--	--
Ottawa	--	--	--	--	--	--
Toronto	--	--	--	--	--	--
Vancouver	--	--	--	--	--	--
Winnipeg	--	--	--	--	--	--
Total Canadian	--	--	--	--	--	--
Total	1	94	4	245	5	339

Peppers--Bell: Rail and truck arrivals from Florida and other States, October 1988 through June 1989

City	1,000 bushels received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	207	--	141	--	348
Balt-Wash	--	381	2	310	2	691
Boston	--	1,077	32	412	32	1,489
Buffalo	--	122	--	38	--	160
Chicago	--	506	30	385	30	891
Cincinnati	--	219	--	148	--	367
Columbia, S.C.	--	101	--	22	--	123
Dallas	--	69	--	268	--	337
Denver	--	35	--	118	--	153
Detroit	--	252	--	223	--	475
Los Angeles	--	101	8	1,173	8	1,274
Miami	--	73	--	10	--	83
New Orleans	--	73	--	118	--	191
New York-Newark	88	554	18	245	106	799
Philadelphia	18	490	5	183	23	673
Pittsburgh	--	273	--	104	--	377
St. Louis	--	94	--	135	--	229
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	751	2	819	2	894
Seattle-Tacoma	--	16	1	380	1	396
Total U.S.	106	4,718	98	5,232	204	9,950
Montreal	--	385	--	324	--	709
Ottawa	--	--	--	--	--	--
Toronto	--	686	--	472	--	1,158
Vancouver	--	9	--	301	--	310
Winnipeg	--	14	--	59	--	73
Total Canadian	--	1,094	--	1,156	--	2,250
Total	106	5,812	98	6,388	204	12,200

Peppers--Other: Rail and truck arrivals from Florida and other States, October 1988 through June 1989

City	1,000 bushels received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	8	--	3	--	11
Balt-Wash	--	9	1	21	1	30
Boston	2	38	1	6	3	44
Buffalo	--	1	--	--	--	1
Chicago	--	67	--	51	--	118
Cincinnati	--	9	--	3	--	12
Columbia, S.C.	--	--	--	--	--	--
Dallas	--	9	--	97	--	106
Denver	--	--	--	55	--	55
Detroit	--	40	--	11	--	51
Los Angeles	--	3	--	931	--	934
Miami	--	21	--	4	--	25
New Orleans	--	3	--	3	--	6
New York-Newark	--	35	--	11	--	46
Philadelphia	--	13	--	3	--	16
Pittsburgh	--	18	--	1	--	19

City	1,000 bushels received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
St. Louis	--	3	--	--	--	3
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	123	--	123
Seattle-Tacoma	--	--	--	34	--	34
Total U.S.	2	277	2	1,357	4	1,634
Montreal	--	--	--	--	--	--
Ottawa	--	--	--	--	--	--
Toronto	--	--	--	--	--	--
Vancouver	--	--	--	--	--	--
Winnipeg	--	--	--	--	--	--
Total Canadian	--	--	--	--	--	--
Total	2	277	2	1,357	4	1,634

Potatoes: Rail and truck arrivals from Florida and other States, October 1988 through June 1989

City	1,000 cwt received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	73	341	804	341	877
Balt-Wash	3	82	156	857	159	939
Boston	24	33	761	1,757	785	1,790
Buffalo	--	5	106	240	106	245
Chicago	--	48	866	1,686	866	1,734
Cincinnati	--	22	509	541	509	563
Columbia, S.C.	--	37	52	161	52	198
Dallas	--	19	233	1,326	233	1,345
Denver	--	5	--	536	--	541
Detroit	--	4	568	819	568	823
Los Angeles	--	87	267	3,967	267	4,054
Miami	--	44	377	184	377	228
New Orleans	--	24	182	377	182	401
New York-Newark	19	14	2,026	594	2,045	608
Philadelphia	2	57	602	640	604	697
Pittsburgh	--	25	273	716	273	741

City	1,000 cwt received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
St. Louis	--	34	818	626	818	660
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	59	--	1,391	--	1,450
Seattle-Tacoma	--	34	--	806	--	840
Total U.S.	48	706	8,137	18,028	8,185	18,734
Montreal	--	7	106	1,305	106	1,312
Ottawa	--	--	--	--	--	--
Toronto	--	55	16	1,391	16	1,446
Vancouver	--	13	--	590	--	603
Winnipeg	--	8	--	430	--	438
Total Canadian	--	83	122	3,716	122	3,799
Total	48	789	8,259	21,744	8,307	22,533

Potatoes--Chipper: Rail and truck arrivals from Florida and other States, October 1988 through June 1989

City	1,000 cwt received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	20	--	89	--	109
Balt-Wash	--	26	--	81	--	107
Boston	50	1	--	22	50	23
Buffalo	--	--	--	--	--	--
Chicago	--	14	--	134	--	148
Cincinnati	--	31	--	141	--	172
Columbia, S.C.	--	--	--	--	--	--
Dallas	--	18	72	417	72	435
Denver	--	--	--	458	--	458
Detroit	--	8	--	918	--	926
Los Angeles	--	--	--	--	--	--
Miami	--	--	--	--	--	--
New Orleans	--	--	--	--	--	--
New York-Newark	21	--	--	--	21	--
Philadelphia	1	--	--	--	1	--
Pittsburgh	--	--	--	--	--	--

City	1,000 cwt received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
St. Louis	--	1	--	55	--	56
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	317	--	317
Seattle-Tacoma	--	--	--	207	--	207
Total U.S.	72	119	72	2,839	144	2,958
Montreal	--	--	--	--	--	--
Ottawa	--	--	--	--	--	--
Toronto	--	--	--	--	--	--
Vancouver	--	--	--	--	--	--
Winnipeg	--	--	--	--	--	--
Total Canadian	--	--	--	--	--	--
Total	72	119	72	2,839	144	2,958

Potatoes-Seed: Rail and truck arrivals from Florida and other States,
October 1988 through June 1989

City	1,000 cwt received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	--	--	--	--	--
Balt-Wash	--	--	--	--	--	--
Boston	--	--	--	--	--	--
Buffalo	--	--	--	--	--	--
Chicago	--	--	--	--	--	--
Cincinnati	--	--	--	11	--	11
Columbia, S.C.	--	--	--	--	--	--
Dallas	--	--	--	3	--	3
Denver	--	--	--	--	--	--
Detroit	--	--	--	--	--	--
Los Angeles	--	--	--	--	--	--
Miami	--	--	--	--	--	--
New Orleans	--	--	--	--	--	--
New York-Newark	--	--	--	--	--	--
Philadelphia	--	--	--	--	--	--
Pittsburgh	--	--	--	1	--	1
St. Louis	--	--	--	7	--	7
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	--	--	--
Seattle-Tacoma	--	--	--	--	--	--
Total U.S.	--	--	--	22	--	22
Montreal	--	--	--	--	--	--
Ottawa	--	--	--	--	--	--
Toronto	--	--	--	--	--	--
Vancouver	--	--	--	--	--	--
Winnipeg	--	--	--	--	--	--
Total Canadian	--	--	--	--	--	--
Total	--	--	--	22	--	22

Radishes: Rail and truck arrivals from Florida and other States,
October 1988 through June 1989

City	1,000 cartons received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	96	--	25	--	121
Balt-Wash	--	142	--	65	--	207
Boston	47	137	--	180	47	317
Buffalo	--	40	--	26	--	66
Chicago	--	169	--	52	--	221
Cincinnati	3,214	70	--	85	3,214	155
Columbia, S.C.	--	20	--	5	--	25
Dallas	--	58	--	70	--	128
Denver	--	55	--	26	--	81
Detroit	--	65	--	70	--	135
Los Angeles	--	294	--	739	--	1,033
Miami	--	50	--	3	--	53
New Orleans	--	17	--	12	--	29
New York-Newark	--	75	--	51	--	126
Philadelphia	--	132	--	50	--	182
Pittsburgh	--	103	--	36	--	139
St. Louis	--	127	--	12	--	139
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	49	--	565	--	614
Seattle-Tacoma	--	--	--	420	--	420
Total U.S.	3,261	1,699	--	2,492	3,261	4,191
Montreal	--	153	--	53	--	206
Ottawa	--	--	--	--	--	--
Toronto	--	245	--	115	--	360
Vancouver	--	8	--	164	--	172
Winnipeg	--	41	--	30	--	71
Total Canadian	--	447	--	362	--	809
Total	3,261	2,146	--	2,854	3,261	5,000

Spinach: Rail and truck arrivals from Florida and other States,
October 1988 through June 1989

City	1,000 bushels received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	--	--	46	--	46
Balt-Wash	--	3	--	96	--	99
Boston	--	10	--	344	--	354
Buffalo	--	--	--	193	--	193
Chicago	--	1	--	240	--	241
Cincinnati	--	1	--	63	--	64
Columbia, S.C.	--	1	--	5	--	6
Dallas	--	2	--	24	--	26
Denver	--	--	--	54	--	54
Detroit	--	2	--	65	--	67
Los Angeles	--	--	--	540	--	540
Miami	--	17	--	27	--	44
New Orleans	--	--	--	16	--	16
New York-Newark	--	6	--	144	--	150
Philadelphia	--	4	--	61	--	65
Pittsburgh	--	--	--	56	--	56
St. Louis	--	--	--	70	--	70
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	378	--	378
Seattle-Tacoma	--	--	--	142	--	142
Total U.S.	--	47	--	2,564	--	2,611
Montreal	--	--	5	105	5	105
Ottawa	--	--	--	--	--	--
Toronto	--	--	--	462	--	462
Vancouver	--	--	--	150	--	150
Winnipeg	--	--	--	22	--	22
Total Canadian	--	--	5	739	5	739
Total	--	47	5	3,303	5	3,350

Squash: Rail and truck arrivals from Florida and other States,
October 1988 through June 1989

City	1,000 bushels received from - -						City	1,000 bushels received from - -					
	Florida		Other States		Total			Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck		Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	123	--	67	--	190	St. Louis	--	33	--	32	--	65
Balt-Wash	--	144	--	153	--	297	San Antonio	--	--	--	--	--	--
Boston	--	322	--	623	--	945	San Fran-Oakland	--	--	--	759	--	759
Buffalo	--	25	--	21	--	46	Seattle-Tacoma	--	--	--	283	--	283
Chicago	--	75	--	140	--	215	Total U.S.	10	1,505	--	4,026	10	5,531
Cincinnati	--	62	--	95	--	157							
Columbia, S.C.	--	57	--	38	--	95	Montreal	--	95	--	78	--	173
Dallas	--	119	--	197	--	316	Ottawa	--	--	--	--	--	--
Denver	--	15	--	73	--	88	Toronto	--	83	--	382	--	465
Detroit	--	103	--	92	--	195	Vancouver	--	--	--	139	--	139
Los Angeles	--	5	--	1,139	--	1,144	Winnipeg	--	1	--	20	--	21
Miami	--	43	--	11	--	54							
New Orleans	--	41	--	26	--	67	Total Canadian	--	179	--	619	--	798
New York-Newark	10	210	--	199	10	409							
Philadelphia	--	103	--	65	--	168							
Pittsburgh	--	25	--	13	--	38	Total	10	1,684	--	4,645	10	6,329

Strawberries: Rail and truck arrivals from Florida and other States,
October 1988 through June 1989

City	1,000 flats received from - -						City	1,000 flats received from - -					
	Florida		Other States		Total			Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck		Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	123	1	461	1	584	St. Louis	--	45	--	596	--	641
Balt-Wash	--	155	54	778	54	933	San Antonio	--	--	--	--	--	--
Boston	3	172	79	1,150	82	1,322	San Fran-Oakland	--	10	26	1,345	26	1,355
Buffalo	--	29	--	266	--	295	Seattle-Tacoma	--	--	1	745	1	745
Chicago	--	352	16	1,437	16	1,789	Total U.S.	14	1,772	215	13,420	229	15,192
Cincinnati	--	121	--	910	--	1,031							
Columbia, S.C.	--	55	--	40	--	95	Montreal	--	180	--	221	--	401
Dallas	--	65	--	475	--	540	Ottawa	--	--	--	--	--	--
Denver	--	10	--	325	--	335	Toronto	--	418	--	422	--	840
Detroit	--	121	--	472	--	593	Vancouver	--	4	--	238	--	242
Los Angeles	10	7	18	1,758	28	1,765	Winnipeg	--	4	--	57	--	61
Miami	--	46	--	85	--	131							
New Orleans	--	60	--	192	--	252	Total Canadian	--	606	--	938	--	1,544
New York-Newark	--	201	--	651	--	852							
Philadelphia	1	150	20	1,120	21	1,270							
Pittsburgh	--	50	--	614	--	664	Total	14	2,378	215	14,358	229	16,736

Tomatoes: Rail and truck arrivals from Florida and other States,
October 1988 through June 1989

City	1,000 cartons received from - -						City	1,000 cartons received from - -					
	Florida		Other States		Total			Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck		Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	1,444	--	412	--	1,856	St. Louis	--	480	--	153	--	633
Balt-Wash	39	1,319	--	542	39	1,861	San Antonio	--	--	--	--	--	--
Boston	610	2,579	38	595	648	3,174	San Fran-Oakland	--	645	--	2,124	--	2,769
Buffalo	--	442	--	91	--	533	Seattle-Tacoma	--	213	--	1,232	--	1,445
Chicago	--	2,105	60	947	--	3,052	Total U.S.	1,629	21,420	155	15,387	1,784	36,807
Cincinnati	--	1,389	--	411	--	1,800							
Columbia, S.C.	--	1,129	--	220	--	1,349	Montreal	--	1,128	6	687	--	1,815
Dallas	--	723	--	1,314	--	2,037	Ottawa	--	--	--	--	--	--
Denver	--	878	--	392	--	1,270	Toronto	--	2,001	--	1,114	--	3,115
Detroit	--	663	--	343	--	1,006	Vancouver	--	321	--	610	--	931
Los Angeles	--	3,384	2	4,928	2	8,312	Winnipeg	--	222	--	86	--	308
Miami	--	210	--	32	--	242							
New Orleans	--	693	1	426	1	1,119	Total Canadian	--	3,672	6	2,497	6	6,169
New York-Newark	740	1,181	42	603	782	1,784							
Philadelphia	249	1,184	12	394	252	1,578							
Pittsburgh	--	759	--	228	--	987	Total	1,629	25,092	161	17,884	1,790	42,976

Tomatoes-Cherry: Rail and truck arrivals from Florida and other States, October 1988 through June 1989

City	1,000 cartons received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	87	--	74	--	161
Balt-Wash	--	97	--	134	--	231
Boston	1	160	--	210	1	370
Buffalo	--	14	--	12	--	26
Chicago	--	37	--	104	--	141
Cincinnati	--	39	--	222	--	261
Columbia, S.C.	--	22	--	8	--	30
Dallas	--	18	--	134	--	152
Denver	--	--	--	65	--	65
Detroit	--	35	--	149	--	184
Los Angeles	--	--	--	486	--	486
Miami	--	62	--	--	--	62
New Orleans	--	7	--	10	--	17
New York-Newark	--	51	--	62	--	113
Philadelphia	--	66	--	116	--	182
Pittsburgh	--	26	--	26	--	52

City	1,000 cartons received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
St. Louis	--	26	--	52	--	78
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	1	--	296	--	297
Seattle-Tacoma	--	--	--	214	--	214
Total U.S.	1	748	--	2,374	1	3,122
Montreal	--	28	--	38	--	66
Ottawa	--	--	--	--	--	--
Toronto	--	84	--	121	--	205
Vancouver	--	--	--	36	--	36
Winnipeg	--	3	--	11	--	14
Total Canadian	--	115	--	206	--	321
Total	1	863	--	2,580	1	3,443

Peas (Other than green): Rail and truck arrivals from Florida and other States, October 1988 through June 1989

City	1,000 bushels received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	4	--	12	--	16
Balt-Wash	--	--	1	32	1	32
Boston	--	--	11	42	11	42
Buffalo	--	--	--	--	--	--
Chicago	--	6	--	10	--	16
Cincinnati	--	1	--	18	--	19
Columbia, S.C.	--	2	--	5	--	7
Dallas	--	1	--	21	--	22
Denver	--	--	--	4	--	4
Detroit	--	1	--	9	--	10
Los Angeles	--	--	15	298	15	298
Miami	--	--	--	3	--	3
New Orleans	--	--	--	8	--	8
New York-Newark	--	9	9	13	9	22
Philadelphia	--	--	1	15	1	15
Pittsburgh	--	--	--	6	--	6

City	1,000 bushels received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
St. Louis	--	--	--	--	--	--
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	51	--	51
Seattle-Tacoma	--	--	--	21	--	21
Total U.S.	--	24	37	568	37	592
Montreal	--	4	--	26	--	30
Ottawa	--	--	--	--	--	--
Toronto	--	2	--	66	--	68
Vancouver	--	--	--	27	--	27
Winnipeg	--	--	--	3	--	3
Total Canadian	--	6	--	122	--	128
Total	--	30	37	690	37	720

Watermelons: Rail and truck arrivals from Florida and other States, October 1988 through June 1989

City	1,000 cwt received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	152	--	73	--	225
Balt-Wash	36	151	2	84	38	235
Boston	56	178	3	179	59	357
Buffalo	--	71	--	24	--	95
Chicago	2	138	30	123	32	261
Cincinnati	--	78	--	46	--	124
Columbia, S.C.	--	253	--	39	--	292
Dallas	--	1	--	104	--	105
Denver	--	--	--	91	--	91
Detroit	--	82	--	77	--	159
Los Angeles	--	1	1	790	1	791
Miami	--	41	--	23	--	64
New Orleans	--	30	--	43	--	73
New York-Newark	414	90	15	79	429	169
Philadelphia	71	89	2	68	73	157
Pittsburgh	--	89	--	29	--	118

City	1,000 cwt received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
St. Louis	--	32	--	63	--	95
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	251	--	251
Seattle-Tacoma	--	--	--	155	--	155
Total U.S.	579	1,476	53	2,341	632	3,817
Montreal	--	3	--	40	--	43
Ottawa	--	--	--	--	--	--
Toronto	--	1	--	77	--	78
Vancouver	--	--	--	17	--	17
Winnipeg	--	--	--	10	--	10
Total Canadian	--	4	--	144	--	148
Total	579	1,480	53	2,485	632	3,965

FLORIDA STATE FARMERS MARKETS, LOCATION AND ADDRESS

BUREAU OF STATE MARKETS
Francis Horne, Chief
Mayo Building, Room 415
Tallahassee, FL 32399-0800
904/487-4322

REGION I

Larry Reese, Regional Agricultural Market Supervisor
Mayo Building, Room 413, Tallahassee, FL 32399-0800, 904/487-4322

Name of Market	**Address**	**Telephone**
Bonifay	P.O. Box 716, Highway 90 Bonifay, Florida 32425	904/547-2540
Gadsden	P.O. Box 384, Highway 90 Quincy, Florida 32351	904/627-6484
Plant City	P.O. Box 637 1305 W. Haines St. Plant City, Florida 34289-0637	813/752-7446
Palatka	P.O. Box 216, Highway 71 South Palatka, Florida 32077	904/329-3713
Sanford	1300 French Avenue Sanford, Florida 32771	407/322-1293
Stark	P.O. Box 98, Highway 301 Stark, Florida 32091	904/964-6951
Trenton	P.O. Box 157, Highway 47 Trenton, Florida 32693	904/463-2361

REGION II

Jerry Wyrick, Regional Agricultural Market Supervisor
Mayo Building, Room 415, Tallahassee, FL 32399-0800, 904/487-4322

Florida City	300 North Krome Avenue Florida City, Florida 33034	305/247-1727
Fort Myers	P.O. Box 187, 2744 Edison Avenue Ft. Myers, Florida 33902	813/332-1383
Fort Pierce	P.O. Box 866 3479 South Federal Highway Ft. Pierce, Florida 33482	407/468-3917
Immokalee	424 New Market Road Immokalee, Florida 33934	813/657-3112
Pompano	1350 Hammondville Road, Bldg. 14 Pompano Beach, Florida 33069	305/946-6570
Wauchula	P.O. Box 425, Highway 17 Wauchula, Florida 33873	813/773-9850
Suwannee Valley -White Springs	Rt. 1, Box 103A - SR 136 White Springs, Florida 32096	904/963-5903

UNITED STATES DEPARTMENT OF AGRICULTURE
National Agricultural Statistics Service
1222 Woodward Street, Orlando, Florida 32803

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